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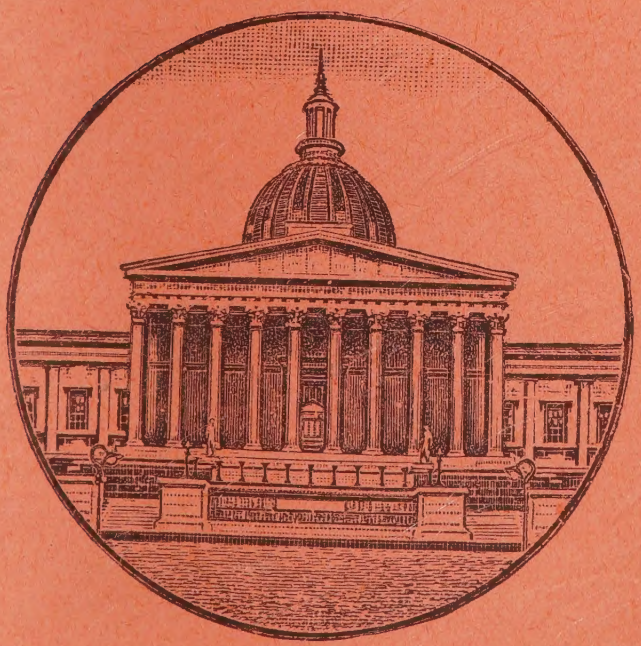
UNIVERSITY OF LONDON

UNIVERSITY COLLEGE.

ANNUAL REPORT.

February 1945—February 1946.



LONDON:

TAYLOR AND FRANCIS, LTD., RED LION COURT, FLEET ST.

1946.

COLLEGE COMMITTEE.

(Year ending 28th February, 1946.)

Chairman : The Rt. Hon. the Viscount Sankey of Moreton, P.C., G.B.E., D.C.L., LL.D.‡*

Vice-Chairman : Sir Robert Waley Cohen, K.B.E.* (Chairman of the Managing Sub-Committee).

Treasurer : A. Digby Besant, B.A., Past. Pres. I.A.†*

Betsy Aikin-Sneath, Ph.D.

Professor E. N. da C. Andrade, D.Sc., Ph.D., F.R.S.†*

Arthur Brian Ashby, M.A.

H. Arthur Baker, M.A., D.L., J.P.*

Sir Charles Bressey, C.B., C.B.E., D.Sc.(Eng.).

(Mrs.) Barbara Drake.*

P. Dunsheath, C.B.E., M.A., D.Sc., Pres.I.E.E.§*

Sir Alexander Gibb, G.B.E., C.B., LL.D., F.R.S., Past Pres. Inst.C.E.†* (Vice-Chairman of the Managing Sub-Committee).

David Heron, D.Sc.†*

Professor G. T. R. Hill, M.C., M.Sc. (Eng.), M.I.Mech.E., F.R.Ae.S.†*

Professor H. P. Himsworth, M.D., F.R.C.P. §†

Professor G. W. Keeton, M.A., LL.D.*

D. R. Pye, C.B., M.A., Sc.D., F.R.S.* (Provost).

Professor C. J. Sisson, M.A., D.Lit., D.ès L.*

Elisabeth F. Stevenson, M.A.

Etheldreda Wickers, B.A., A.C.P.

Professor F. R. Winton, M.A., M.D., D.Sc.*

D. Orson Wood, M.Sc.*

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* Member of the Managing Sub-Committee.
§ Appointed December 1945.
† Fellow of the College.
‡ Hon. Fellow of the College.

PROFESSORIAL BOARD.

Chairman :

D. R. PYE, C.B., M.A., Sc.D., F.R.S.

	Appointed§
SIR PATRICK ABERCROMBIE, M.A., F.R.I.B.A.	1935
E. N. DA C. ANDRADE, D.Sc., Ph.D., F.R.S.†	1928
BERNARD ASHMOLE, M.C., M.A., B.Litt., F.B.A.	1929
H. E. MONTEAGLE BARLOW, Ph.D., M.I.E.E., A.M.I.Mech.E.	1945
H. HALE BELLOT, M.A.†	1930
TANCRED BORENIUS, D.Lit., Ph.D., F.S.A.	1922
O. L. BRADY, D.Sc.	1943
R. C. BROWN, Ph.D.*	1943
R. O. BUCHANAN, M.A., Ph.D., B.Sc.(Econ.)**	1946
CYRIL L. BURT, M.A., LL.D., D.Sc.	1932
M. CARY, M.A., D.Litt.	1938
H. J. COLLINS, M.C., M.Sc., M.Inst.C.E., M.I.Mech.E.	1936
H. O. CORFIATO, S.A.G.D., F.R.I.B.A.	1937
H. DAVENPORT, M.A., Sc.D., F.R.S.	1945
G. R. DE BEER, M.A., D.Sc., F.R.S.	1939
C. LOVATT EVANS, LL.D., D.Sc., F.R.C.P., F.R.S.†	1926
C. B. FAWCETT, B.Litt., D.Sc.	1928
C. DARYLL FORDE, Ph.D.	1945
S. R. K. GLANVILLE, M.A., F.S.A.	1935
J. B. S. HALDANE, M.A., F.R.S.	1933
A. V. HILL, C.H., O.B.E., M.A., Sc.D., D.Sc., F.R.S.	1923
G. T. R. HILL, M.C., M.Sc.(Eng.), M.I.Mech.E., F.R.Ae.S.†	1934
H. WINIFRED HUSBANDS, M.A.*	1945
C. K. INGOLD, D.Sc., F.R.S.	1930
R. IRWIN, M.A., F.L.A.	1945
J. W. JEAFFRESON, M.A.†*	1939
H. F. JOLOWICZ, M.A., LL.D.	1931
DANIEL JONES, M.A., Dr.Phil.	1921
R. O. KAPP, B.Sc., M.I.E.E.	1935

† Fellow of the College.

§ The dates given in the case of Professors are those in which they were appointed to their respective Chairs: in the case of others, the dates are those in which they were appointed members of the Professorial Board.

* Selected by ballot for membership during Session 1945–46. (College Statute 24 (5), Regulation 29 E.)

** Selected January 1946, for membership during remainder of Session 1945–46. (College Statute 24 (5), Regulation 29 E.)

	Appointed §
G. W. KEETON, M.A., LL.D.	1938
J. F. LOCKWOOD, M.A., Ph.D.	1945
H. S. W. MASSEY, M.Sc., Ph.D., F.R.S.	1939
J. E. NEALE, M.A.†	1927
W. H. PEARSALL, D.Sc., F.R.S.	1944
E. S. PEARSON, M.A., D.Sc.†	1935
L. S. PENROSE, M.A., M.D., M.R.C.P.	1945
G. J. RENIER, Ph.D.	1945
A. E. RICHARDSON, M.A., R.A., F.S.A., F.R.I.B.A.	1919
CONSTANCE M. RIGBY, M.A., Ph.D.*	1945
RANDOLPH SCHWABE, A.R.W.S.	1930
C. J. SISSON, M.A., D.Lit., D. ès L.	1928
M. T. SMILEY, M.A.	1925
S. SUGDEN, D.Sc., F.R.S.	1937
H. TERREY, B.Sc.*	1934
D. M. S. WATSON, D.Sc., F.R.S.	1921
H. E. WATSON, D.Sc.†	1934
J. A. WILKS, M.A., F.L.A.† [Librarian]	1926
L. A. WILLOUGHBY, M.A., D.Lit., Ph.D.†	1931
F. R. WINTON, M.A., M.D., D.Sc.	1938
B. WOLEDGE, M.A., D. de l'Univ.	1939
D. O. WOOD, M.Sc.	1932
T. L. WREN, M.A.	1925
F. G. YOUNG, Ph.D., D.Sc.	1945
J. Z. YOUNG, M.A., F.R.S.	1945

Assessors.

The Sub-Dean of the Faculty of :—

Arts : R. D. MCLELLAN, Ph.D.	1945
Laws : G. SCHWARZENBERGER, Ph.D., Dr.Jur.	1944
Engineering : H. MARRIOTT, B.Eng., B.Sc.(Econ.), A.M.I.E.E.	1945
Medical Sciences : D. H. SMYTH, M.Sc., Ph.D., M.D.	1943

† Fellow of the College.

§ The dates given in the case of Professors are those in which they were appointed to their respective Chairs : in the case of others, the dates are those in which they were appointed members of the Professorial Board.

* Selected by ballot for membership during the Session 1945–46. (College Statute 24 (5), Regulation 29 E.)

ADMINISTRATIVE STAFF.

Provost.
D. R. Pye, C.B., M.A., Sc.D., F.R.S.

Secretary.
E. L. Tanner, M.A., F.C.A., A.I.A.

Assistant Secretary.
B. G. Greig.

Accountant.
W. Armstrong, A.C.A.

Registrar.
H. E. Foster, M.A., F.Z.S.

Secretary's Office.—Superintendent of Records and Private Secretary to the Provost.—O. V. Lawley. Senior Clerk.—R. L. Gregory. Alumnus Secretary.—Millicent M. Oldham.* Private Secretaries.—Dorothy C. Boalch, Betty M. Baker, B.A. Confidential Clerks.—Catherine Hunn, J. W. Hunt, W. O. Whippie, Margaret B. Wood. Telephone Operators.—Louisa Sansom, Joan Mitchell. Clerk.—Eluned Morgan.

Accounts Office.—Assistant Accountant.—F. H. J. Davidson. Accounts Assistants.—R. Chappell. L. J. Gue, W. H. F. Nicholls, W. N. Pickford. Clerks.—J. S. Challis,* H. J. W. Feasey,* N. C. Shrubb.*

Registrar's Office.—Deputy Registrars.—E. Muriel Jukes, B.A., Winifred Radley. Confidential Clerks.—Amelia Banks, Lily Cooper, Elizabeth A. Hibberd, Margaret R. Melrose, Irene H. Morgan, Nancie L. Pank, Margaret C. Paton-Smith. Clerks.—Sylvia Brightley, Eileen Orchard.

Cashier.—H. Marklew. Assistant Cashier.—J. H. Nicholls.

Establishment Officer.—H. C. C. Monahan, M.C., B.A. Clerk.—J. Nokes.

Publications Clerk.—(*Vacant*).

Steward of the Refectory.—R. Noel Small, B.A. Assistant Steward.—E. Irene Venables,** Joan M. Wilson

Superintendent of Buildings.—A. H. Taylor. Clerical Assistant.—Winifred A'Brook. Foreman.—A. W. Woolven.

Honorary Sanitary Adviser.—M. E. Delafield, M.B., B.Ch., D.P.H.

Auditors.—Messrs. Price, Waterhouse & Co.

* Absent on National or other Service.
** Resigning 31st March, 1946.

ACADEMIC STAFF HOLDING ADMINISTRATIVE APPOINTMENTS.

Senior Tutor.
D. O. Wood, M.Sc.

Faculty Tutors.

Tutor to Arts Students.—R. D. McLellan, Ph.D.

Tutor to Laws Students.—Professor G. W. Keeton, M.A., LL.D.

Assistant Tutor to Laws Students.—G. Schwarzenberger, Ph.D., Dr. Jur.

Tutor to Science Students.—D. O. Wood, M.Sc.

Tutor to Engineering Students.—H. Marriott, B.Eng., B.Sc.(Econ.), A.M.I.E.E.

Tutor to Medical Students.—D. H. Smyth, M.Sc., Ph.D., M.D.

Advisor to Students.
(*Vacant*).

LIBRARY STAFF.

Librarian.
J. A. Wilks, M.A., F.L.A.
Fellow of the College.

Deputy Librarian.
K. Garside, M.A.*

Assistant Librarians.—F. M. C. Johnson, Joyce Pearson, F.L.A., A. E. Tooth, M.A., F.L.A., C. R. Fincken, B.A. Senior Library Assistant.—R. A. Blackall. Library Assistants.—R. I. J. Tully, F.L.A., C. F. A Marmoy, F.L.A.* Junior Library Assistants.—H. W. Callaghan,* J. Lust,* F. C. Greenham.* Clerical Assistant.—Gwendoline Frazer.

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* Absent on National or other Service.

DEPARTMENTS AND STAFF.

[The names of Members of the respective Faculties are printed in SMALL CAPITALS.]

Faculty of Arts.

Dean.—Professor C. J. SISSON.

Vice-Dean.—Professor B. WOLEDGE.

Sub-Dean.—R. D. MCLELLAN.

Subject.	*Name.*	*Status.*
Anthropology....	C. DARYLL FORDE, Ph.D.....	Professor.
Archæology	BERNARD ASHMOLE, M.C., M.A., B.Litt., Hon. A.R.I.B.A., F.B.A.	Yates Professor.
	F. J. Richards, M.A.	Hon. Lecturer (Indian Archæology).
	K. de B. Codrington, M.A.	Hon. Lecturer (Indian Art).
Architecture.....	A. E. RICHARDSON, M.A., R.A., F.S.A., F.R.I.B.A.	Professor.
	Sir PATRICK ABERCROMBIE, M.A., F.R.I.B.A., P.P.T.P.I.	Professor of Town Planning.
	H. O. CORFIATO, S.A.D.G., F.R.I.B.A.	Professor of Architectural Design.
	L. STUART STANLEY, M.A., F.R.I.B.A., M.T.P.I.	Senior Lecturer and Tutor.
	H. Warren Wilson, A.R.C.A. ..	Senior Lecturer (Decoration).
	T. Ritchie, A.R.I.B.A., A.M.T.P.I.	Lecturer (Building Construction).
	H. Ingham Ashworth, M.A. F.R.I.B.A.	Lecturer and Studio Instructor (Construction).
	S. Hyde, F.R.I.B.A.....	Lecturer.
	R. C. White-Cooper, M.C., B.A., F.R.I.B.A.	Lecturer.
	E. G. Richardson, B.A., D.Sc., Ph.D.	Hon. Lecturer (Acoustics).
	D. W. Aberdeen, B.A.(Arch.), F.R.I.B.A.....	Studio Assistant.
	F. H. Carr, A.R.I.B.A., A.M.T.P.I. J. D. M. Harvey, B.A.	Studio Instructors (Town Planning).

Subject.	*Name.*	*Status.*
Celtic	(*Vacant.*)	Hon. Lecturer.
Egyptology	S. R. K. Glanville, M.A., F.S.A.	Edwards Professor.
	Violette C. Lafleur	Hon. Museum Assistant.
English	C. J. Sisson, M.A., D.Lit., D.ès L.	Lord Northcliffe Professor.
	(*Vacant.*)	Quain Professor.
	W. W. Greg, Litt.D., Hon. D.Litt., F.B.A.	Hon. Lecturer (Bibliography).
	A. H. Smith, O.B.E., D.Lit., Ph.D.	Reader.
	H. Winifred Husbands, M.A.	Lecturer.
	H. Jenkins, M.A.	Lecturer.
	B. Pattison, M.A., Ph.D.	Lecturer.
	Elizabeth J. Sweeting, M.A.	Assistant Lecturer.
	Hilda M. Hulme, M.A.	Temporary Assistant Lecturer.
	Winifred M. T. Dodds, B.A.	Quain Student and Assistant.
	Lilian Haddakin, B.A.	Assistants.
	G. Kane, M.A	
	Bridget N. Livingston, B.A.	
	Vivian Salmon, B.A.	
Fine Arts	Randolph Schwabe, A.R.W.S.	Slade Professor.
	Tancred Borenius, D.Lit., Ph.D., F.S.A.	Durning-Lawrence Professor (History of Art).
	R. Nuttall-Smith, B.A.	Lecturer (Perspective).
	Margaret Alexander	Assistant.
	P. Brooker	Assistant.
	G. J. Charlton	Assistant.
	A. H. Gerrard	Assistant.
	A. Gwynne-Jones, D.S.O.	Assistant.
	Norman Janes, R.E.	Assistant.
	G. W. Meldrum	Assistant.
	F. Ormrod	Assistant.
	V. Polunin	Assistant.
	Franklin White	Assistant.
	J. Wilkie	Assistant.
French	B. Woledge, M.A., D.de l'Univ.	Fielden Professor.
	J. W. Jeaffreson, M.A.†	Senior Lecturer.
	E. M. Stéphan	Senior Lecturer.
	Beatrice J. Schlumberger, M.A.	Lecturer.
	Dora Starke, M.A.	Lecturer.
	L. W. Tancock, Ph.D.	Senior Lecturer.
	Colin Smith, M.A.	Assistant Lecturers.
	Elaine C. Southward, Ph.D.	
	D. P. Walker, M.A., Ph.D.	
	Kathleen Cameron, B.A.	Temporary Assistant Lecturer.
	Emilie Keller-Picard	Assistant.
	A. Lequet	Assistant.

† Fellow of the College.

Subject.	*Name.*	*Status.*
Geography	C. B. FAWCETT, B.Litt., D.Sc. ..	Professor.
	R. OGILVIE BUCHANAN, M.A., Ph.D., B.Sc. (Econ.).	Reader (Economic Geography).
	R. E. DICKINSON, M.A., Ph.D.	Reader.
	A. E. Smailes, M.A.	Lecturer.
	(*Vacant.*)	Assistant Lecturer.
	Constance P. M. Olsen, B.A.....	Temporary Assistant Lecturer.
German.....	L. A. WILLOUGHBY, M.A., D.Lit., Ph.D.†	Professor.
	K. W. MAURER, Ph.D.....	Lecturer.
	A. T. Hatto, M.A.	Lecturer.
	Elizabeth M. Wilkinson, Ph.D. .	Temporary Lecturer.
	C. P. Magill, M.A., Ph.D.....	Assistant Lecturer.
Greek.....	M. T. SMILEY, M.A.	Professor.
	R. D. MCLELLAN, Ph.D.	Senior Lecturer.
	J. H. Kells, B.A.	Lecturer.
	M. L. CLARKE M.A.....	Lecturer.
	W. H. Davies, M.A.....	Assistant Lecturer.
	Daphne R. Lister, M.A.....	Temporary Assistant Lecturers.
	Margaret L. Cunningham, B.A.	
Hebrew	S. STEIN, Ph.D.....	Goldsmid Lecturer.
History :English .	J. E. NEALE, M.A.†.....	Astor Professor.
	S. T. BINDOFF, M.A.	Lecturer.
	H. M. Colvin, B.A.....	Assistant Lecturer.
	Mary E. Willis, B.A.....	Temporary Assistant Lecturer.
,, : London.	(*Vacant.*).....	Reader.
,, : Dutch..	G. J. RENIER, Ph.D.....	Professor.
,, : Modern. French	A. COBBAN, M.A., Ph.D.	Reader.
,, : American	H. HALE BELLOT, M.A.†	Commonwealth Fund Professor.
	R. A. HUMPHREYS, M.A., Ph.D.	Reader.
,, : Ancient.	M. CARY, M.A., D.Litt.....	Professor.
	Margaret S. Drower, B.A.....	Lecturer.
,, : Evening School.	(*Vacant.*)	Tutor.
History of the English Newspaper.	H. GRAHAM POLLARD*.....	Special Lecturer.
Italian.....	(*Vacant.*)	Professor.
	ROBERTO WEISS, B.A.....	Lecturer and Acting Head of Department.
	(*Vacant.*)	Barlow Lecturer.
	A. M. Bassani, Sc.D.....	Lecturer.
	Jean H. M. Adams, B.A.....	Temporary Assistant Lecturer.
Latin	J. F. LOCKWOOD, M.A., Ph.D...	Professor.
	R. D. MCLELLAN, Ph.D.	Senior Lecturer.
	J. H. Kells, B.A.	Lecturer.
	M. L. CLARKE, M.A.	Lecturer.

* Appointment suspended.
† Fellow of the College.

Subject.	*Name.*	*Status.*
Latin (*cont.*).	W. H. Davies, M.A.	Assistant Lecturer.
	Daphne R. Lister, M.A.	Temporary Assistant Lecturers.
	Margaret L. Cunningham, B.A.	
	Joyce E. Lowe, M.A.	Assistant.
Librarianship ...	R. Irwin, M.A., F.L.A.	Director.
	J. A. Wilks, M.A., F.L.A.†	Assistant Director.
	F. C. Francis, M.A.	Lecturer (Bibliography).
	W. C. Berwick Sayers, F.L.A.	Lecturer (Special Administration: Public Libraries).
	(*Vacant.*)	Lecturer (General Library Administration).
	Margaret Taylor, M.A., F.L.A.	Lecturer (Cataloguing and Classification).
	S. C. Ratcliff, M.A.	Lecturer (Palæography and Archives).
	J. H. Pafford, M.A., F.L.A.	Lecturer (University and Special Libraries).
Mathematics	H. S. W. Massey, M.Sc., Ph.D., F.R.S.	Goldsmid Professor and Head of Department.
	H. Davenport, M.A., Sc.D., F.R.S.	Astor Professor.
	T. L. Wren, M.A.	Reader (Geometry).
	L. S. Bosanquet, M.A., D.Sc.	Reader.
	T. Estermann, D.Sc.	Reader.
	A. C. Stevenson, M.Sc.	Reader.
	H. T. Jessop, M.Sc.	Senior Lecturer (Mechanics).
	C. C. L. Gregory, M.A., F.R.A.S.	Senior Lecturer (Astronomy).
	J. W. Archbold, M.A.	Lecturer.
	D. R. Bates, M.Sc.	Lecturer.
	R. A. Buckingham, Ph.D.	Lecturer.
	E. H. S. Burhop, M.Sc., Ph.D.	Lecturer.
	F. C. Harris, M.Sc., Ph.D.	Lecturer.
	H. Kestelman, M.Sc.	Lecturer.
	Constance M. Rigby, M.A., Ph.D.	Lecturer.
	H. Heilbronn, Dr.Phil., M.A.	Assistant Lecturer.
	Elizabeth Williamson, F.R.A.S.	Assistant.
	J. H. H. Chalk, B.Sc.	Demonstrators.
	C. A. Rogers, B.Sc.	
	M. Rothman, B.Sc.	
	T. J. Wood, B.A.	
	M. Woodger, B.Sc.	
Philology: Classical Languages.	G. E. K. Braunholtz, M.A.*	Lecturer.
Philosophy	(*Vacant.*)	Grote Professor (Philosophy of Mind and Logic).

* Appointment suspended.
† Fellow of the College.

Subject.	*Name.*	*Status.*
Philosophy (*cont.*).	S. V. KEELING, M.A., D.Lit., D. ès L.	Reader.
	Euphrosyne Sideropoulo, M.A., Ph.D.	Assistant.
Phonetics	DANIEL JONES, M.A., Dr.Phil...	Professor.
	HÉLÈNE COUSTENOBLE.....	Senior Lecturer.
	D. B. Fry, B.A.....	Lecturer and Superintendent of Laboratory.
	Hyacinth M. Davies	Lecturer.
	J. T. Pring, M.A.....	Lecturer.
	J. D. O'Connor, B.A.....	Temporary Lecturer.
	A. C. Gimson, B.A.	Temporary Lecturer.
	Marguerite Chapallaz, B.A.	Assistant Lecturer.
	Olive M. Tooley	Assistant Lecturer.
	A. Dorothy Parkinson	Assistant and Secretary to Phonetics Laboratory.
Political Economy	(*Vacant.*).....	Professor.
	P. N. ROSENSTEIN-RODAN, D.rer.Pol., B.Comm.	Reader (History of Economic Thought).
	A. W. Stonier, M.A., D.Phil. ..	Lecturer.
	T. Balogh, D.rer.Pol.....	Hon. Lecturer.
	Jean Roxburgh, B.Sc.(Econ.) ..	Assistant.
Psychology.....	CYRIL BURT, M.A., LL.D., D.Sc.	Professor.
	J. C. Flugel, B.A., D.Sc.	Special Lecturer.
	S. J. F. PHILPOTT, M.C., D.Sc...	Senior Lecturer.
	J. S. Wilkie, B.Sc.....	Temporary Lecturer.
	E. K. Charlotte Banks, Ph.D. ..	Research Assistant
	H. J. Eysenck, B.A., Ph.D. ..	Demonstrators.
	Grace Rawlings B.A.	
Scandinavian Studies.	A. H. SMITH, O.B.E., D.Lit. Ph.D.	Hon. Director.
	E. Bredsdorff, M.A.	Queen Alexandra Lecturer (Danish).
	I. C. GRÖNDAHL, cand. mag, ..	W. P. Ker Lecturer (Norwegian).
	E. MESTERTON, fil. mag.	Crown Princess Louise Lecturer (Swedish).
Semitic (North) Epigraphy.	S. STEIN, Ph.D.	Lecturer.

Faculty of Laws.

Dean.—Professor G. W. KEETON.

Vice-Dean.—S. G. VESEY-FITZGERALD.

Sub-Dean.—G. SCHWARZENBERGER.

Constitutional Law.	(*Vacant.*)	Professor.
English Law.....	G. W. KEETON, M.A., LL.D. ...	Professor and Head of Department of Laws.

[The Astor Professor of English History is also a member of this Faculty.]

English Law (*cont.*).	R. H. Graveson, Ph.D., S.J.D., LL.M.	Reader.
	W. Friedmann, Dr.Jur., LL.M.	Quain Lecturer.
	M. I. Zagday, LL.B., Ph.D. ..	Assistant Lecturer.
	R. C. Fitzgerald, LL.B.	Temporary Lecturer.
Indian Law	S. G. Vesey-FitzGerald, M.A., LL.D.	Reader.
International Law..	G. Schwarzenberger, Ph.D., Dr.Jur.	Reader.
Jurisprudence ...	H. F. Jolowicz, M.A., LL.D....	Lecturer.
Roman Dutch Law	(*Vacant.*).....	Lecturer.
Roman Law	H. F. Jolowicz, M.A., LL.D....	Professor.

Faculty of Science.

Dean.—Professor E. N. Da C. Andrade.

Vice-Dean.—Professor C. K. Ingold.

Sub-Dean.—D. O. Wood.

Subject.	*Name.*	*Status.*
Biochemistry (see *Faculty of Medical Sciences*).		
Botany	W. H. Pearsall, D.Sc., F.R.S.	Quain Professor and Director of Laboratories.
	(*Vacant.*)	Reader.
	(*Vacant.*).....	Reader (Plant Chemistry).
	F. W. Jane, Ph.D., D.Sc.....	Reader.
	E. M. Cutting, M.A.....	Senior Lecturer.
	G. E. Fogg, Ph.D.....	Temporary Assistant Lecturer.
	H. Tristram, B.Sc.	Assistant Lecturer.
	D. J. B. White, B.Sc.....	Assistant Lecturer.
	Brenda M. Knudson	Quain Student.
Chemistry.....	C. K. Ingold, D.Sc., F.R.S. ...	Professor and Director of Laboratories.
	S. Sugden, D.Sc., F.R.S.....	Professor.
	C. R. Bailey, T.D., D.Sc., B.A.	Reader.
	O. L. Brady, D.Sc.	Reader (Organic).
	H. Terrey, B.Sc.	Reader.
	H. J. Evans, B.Sc.	Senior Lecturer.
	J. N. E. Day, M.Sc., Ph.D.....	Lecturer.
	L. F. Gilbert, B.Sc.....	Lecturer.
	H. G. Poole, M.Sc., Ph.D.	Lecturer.
	C. A. Bunton, Ph.D.....	Assistant Lecturer.

† Fellow of the College.

Subject.	*Name.*	*Status.*
Chemistry (*cont.*).	D. J. Millen, B.Sc.	Temporary Assistant Lecturers.
	R. I. Reed, B.Sc.	
	F. A. Freeth, O.B.E., Ph.D., D.Sc., F.R.S.	Hon. Lecturer.
	G. S. Hartley, D.Sc.	Hon. Lecturer.
	R. W. Lunt, M.Sc., M.Sc.(Eng.), Ph.D.	Hon. Lecturer.
	E. D. Hughes, D.Sc., Ph.D.	Hon. Research Associates.
	E. Hilda Ingold, D.Sc., Ph.D.	
	A. Maccoll, M.Sc.	
	Albert Wassermann, D.Sc.,Ph.D.	Norman Collie Research Fellow.
Chemical Engineering.	H. E. Watson, D.Sc., M.I.Chem.E.†	Ramsay Professor.
	J. P. Mullen, M.Eng., A.M.I.Chem.E.	Senior Lecturer.
	M. B. Donald, M.Sc., M.I.Chem.E.	Senior Lecturer.
Eugenics, Biometry and Genetics.	J. B. S. Haldane, M.A., F.R.S.	Weldon Professor (Biometry) and Head of Department.
	L. S. Penrose, M.A., M.D., M.R.C.P.	Galton Professor (Eugenics).
	G. M. Morant, D.Sc.	Lecturers (Eugenics).
	H. Kalmus, D.Sc., M.D.	
	Julia Bell, M.A., F.R.C.P.	Hon. Research Associate (Eugenics).
	M. Noel Karn, M.A.	Research Assistant (Eugenics).
	H. Grüneberg, M.D., Ph.D.	Hon. Research Assistants (Biometry and Genetics).
	Ursula Philip, Ph.D.	
	Elizabeth Suley	
	Helen Spurway, Ph.D.	
	Sarah B. Holt, B.Sc.	Research Assistant.
Geology	(*Vacant*)	Yates-Goldsmid Professor.
	L. J. Chubb, M.Sc., Ph.D.	Senior Lecturer and Acting Head of Department.
	M. K. Wells, B.Sc.	Assistant Lecturer.
	Tha Hla, B.Sc.	Temporary Assistant Lecturer.
	T. Barnard, B.Sc.	Temporary Museum Assistant.
History and Philosophy of Science.	(*Vacant.*)	Professor (Logic and Scientific Method).
	D. McKie, D.Sc., Ph.D.	Lecturer.
	A. Armitage, M.Sc.	Assistant.
Physics	E. N. da C. Andrade, D.Sc., Ph.D., F.R.S.†	Quain Professor and Director of Laboratories.
	D. O. Wood, M.Sc., A.R.C.S.	Senior Lecturer and Deputy Director of Laboratories.

† Fellow of the College.

Subject.	*Name.*	*Status.*
Physics (*cont.*). ..	R. E. GIBBS, D.Sc.....	Reader.
	F. C. CHALKLIN, D.Sc.*.....	Reader.
	G. B. BROWN, M.Sc., Ph.D.....	Senior Lecturer.
	R. C. BROWN, Ph.D.....	Senior Lecturer.
	W. E. DUNCANSON, M.Sc., Ph.D.	Lecturer.
	C. Dodd, Ph.D.	Lecturer.
	G. S. Brayshaw, Ph.D., A.M.I.E.E.	Temporary Lecturer (Radio-Communications).
	J. W. Fox, B.Sc.	Assistant Lecturer.
	G. R. Heyland, B.Sc.	Temporary Assistant Lecturer.
	Letitia P. Chalklin, Ph.D.....	Assistant.
	E. S. Halberstadt, B.Sc.	Demonstrator.
Physiology (see *Faculty of Medical Sciences*).		
Statistics.....	E. S. PEARSON, M.A., D.Sc.†...	Professor.
	B. L. WELCH, Ph.D.	Lecturer.
	Florence N. David, Ph.D.	Lecturer.
	N. L. Johnson, M.Sc.	Assistant Lecturer.
	Maxine P. M. Merrington, B.Sc.	Research Assistant.
Zoology and Comparative Anatomy.	D. M. S. WATSON, D.Sc., F.R.S.	Jodrell Professor.
	G. P. WELLS, M.A.....	Reader.
	Elizabeth A. Fraser, D.Sc.† ..	Hon. Research Associate.
	E. S. Russell, O.B.E., M.A., D.Sc.	Hon. Lecturer.
	N. H. HOWES, D.Sc.....	Lecturer.
	M. J. D. WHITE, D.Sc.....	Lecturer.
	ISABEL C. LEDINGHAM, B.Sc...	Lecturer.
	N. A. Barnicot, B.Sc.	Assistant Lecturer.
	D. M. Ross, M.A., Ph.D.....	Temporary Assistant Lecturer.
	P. Ford, B.Sc.	Demonstrators.
	Ursula Philip, Ph.D.....	
	Helen Spurway, Ph.D.....	
	Joyce Townend	Research Assistant and Secretary to Department.
	Dorothy I. Howes, M.Sc., Ph.D.	Hon. Research Assistant.

The Professors of Anthropology, Archæology, Biochemistry, Geography, Mathematics, Physiology, and Psychology, Dr. Bosanquet, Dr. Dickinson, Dr. Estermann, Mr. C. C. L. Gregory, Mr. Jessop, Dr. Constance Rigby, Mr. A. C. Stevenson, and Mr. Wren, are also members of this Faculty.]

* Resigning at end of Second Term, 1945–46.
† Fellow of the College.

Faculty of Engineering.

Dean.—Professor G. T. R. Hill.

Vice-Dean.—Professor H. J. Collins.

Sub-Dean.—H. Marriott.

Subject.	*Name.*	*Status.*
Engineering	G. T. R. Hill, M.C., M.Sc.(Eng.), M.I.Mech.E., F.R.Ae.S.†	Kennedy Professor of Engineering and Director of the Engineering Laboratories.
	H. J. Collins, M.C., M.Sc., M.Inst.C.E., M.I.Mech.E., M.I.Struct.E., A.M.Am.Soc.C.E.	Chadwick Professor of Engineering.
	B. J. Lloyd-Evans, M.Sc., Ph.D., M.I.Mech.E.	Assistant Professor.
	A. E. Webb, B.Sc., A.M.Inst.C.E.	Senior Lecturer.
	M. E. Delafield, B.A., M.B., B.Ch., D.P.H.	Special Lecturer (Hygiene).
	P. L. Capper, M.Sc., A.M.Inst.C.E., A.M.I.Struct.E.	Lecturer.
	A. M. Ballantyne, B.Sc.,Ph.D., A.M.Inst.,C.E.,A.M.I.Struct.E.	Lecturer.
	R. C. Vaughan, B.Sc., A.M.Inst.C.E.	Lecturer.
Engineering : Electrical	R. O. Kapp, B.Sc., M.I.E.E....	Pender Professor and Director of the Electrical Engineering Laboratories.
	H. E. Monteagle Barlow, B.Sc., Ph.D., M.I.E.E., A.M.I.Mech.E.	Professor.
	C.W. Bayliss, M.A., A.M.I.E.E.	Senior Lecturer (Electrical Machinery).
	A. L. Cullen, B.Sc.(Eng.)	Lecturer.
	H. Marriott, B.Eng., B.Sc.(Econ.), A.M.I.E.E.	Temporary Lecturer.
	J. T. MacGregor-Morris, D.Sc.(Eng.), M.I.E.E.†	Hon. Research Associate.
Chemical Engineering.	H. E. Watson, D.Sc., F.R.I.C., M.I.Chem.E.†	Ramsay Professor.
	J. P. Mullen, M.Eng., A.M.I.Chem.E.	Senior Lecturer.
	M. B. Donald, M.Sc., M.I.Chem.E.	Senior Lecturer.

[The Professors of Architecture, Chemistry (Professor Ingold), Geology, Mathematics, Physics, and Town Planning, together with Dr. C. Dodd, Mr. L. F. Gilbert, Dr. F. C. Harris, Mr. H. T. Jessop, Mr. D. O. Wood, and Mr. T. L. Wren, are also members of this Faculty.]

† Fellow of the College.

Faculty of Medical Sciences.

Dean.—Professor C. Lovatt Evans.

Vice-Dean.—Una Fielding.

Sub-Dean.—D. H. Smyth.

Subject.	*Name.*	*Status.*
Anatomy and Embryology.	J. Z. Young, M.A., F.R.S.	Professor (Anatomy).
	Una Fielding, B.A., B.Sc., M.B., Ch.M.	Reader (Neurological Anatomy).
	G. R. de Beer, M.A., D.Sc., F.R.S.	Reader (Embryology).
	K. C. Richardson, M.Sc.	Reader (Histology).
	R. J. Ludford, D.Sc., Ph.D.†	Hon. Lecturer (Cytology).
	J. T. Aitken, M.B., B.Ch.,	Lecturer.
	(*Vacant.*)	Demonstrator.
	J. Joseph, M.B., Ch.B.	Temporary Assistant Lecturers.
	D. H. Lodwick Evans, M.B., B.S., M.R.C.S., L.R.C.P.	
	R. H. Shephard, M.D.	
	C. H. A. Wedeles, L.R.C.P., M.R.C.S.	
Biochemistry	F. G. Young, Ph.D., D.Sc.	Professor.
	L. Margaret Kerly, Ph.D.	Lecturer.
	W. F. J. Cuthbertson, Ph.D.	Temporary Lecturer.
	G. A. Maw, Ph.D.	Temporary Assistant Lecturer.
	Margherita C. Bourne, M.Sc., Ph.D.	Hon Research Associate.
	S. P. Datta, B.Sc.	Demonstrator.
	C. H. Gray, M.Sc., M.B., B.S.	Hon. Demonstrators.
	Margaret P. Horlick, B.A.	
Botany	W. H. Pearsall, D.Sc., F.R.S.	Quain Professor and Director of Laboratories.
	E. M. Cutting, M.A.	Senior Lecturer.
	F. W. Jane, Ph.D., D.Sc.	Lecturer.
Chemistry	C. K. Ingold, D.Sc., F.R.S.	Professor and Director of Laboratories.
	S. Sugden, D.Sc., F.R.S.	Professor.
	O. L. Brady, D.Sc.	Reader (Organic).
	H. J. Evans, B.Sc.	Senior Lecturer in Chemistry to Medical Students.
Pharmacology	F. R. Winton, M.A., M.D., D.Sc.	Professor
	H. O. Schild, M.D., Ph.D.	Reader
Physics	E. N. da C. Andrade, D.Sc., Ph.D., F.R.S.†	Quain Professor and Director of Laboratories.
	D. O. Wood, M.Sc., A.R.C.S.	Senior Lecturer and Deputy Director of Laboratories.
	R. C. Brown, Ph.D.	Lecturer.

† Fellow of the College.

Physiology	C. Lovatt Evans, LL.D., D.Sc., F.R.C.P., F.R.S.†	Jodrell Professor and Director of Laboratories.
	A. V. Hill, C.H., O.B.E., M.A., LL.D., Sc.D., D.Sc., F.R.S.* .	Foulerton Professor and University Professor.
	D. H. Smyth, M.Sc., Ph.D., M.D.	Lecturers.
	R. D. Harkness, M.B., B.S. B.Sc.	Lecturers.
	L. E. Bayliss, M.A., Ph.D.	Temporary Lecturers.
	M. Grace Eggleton, D.Sc., M.R.C.S., L.R.C.P.	Temporary Lecturers.
	D. R. Wilkie, M.B., B.S., M.D...	Assistant Lecturer.
	(*Vacant.*).....	Sharpey Scholar.
	B. Katz, D.Sc., M.D.	Hon. Research Associates.
	M. Pirenne, D. ès Sc.	Hon. Research Associates.
	J. L. Parkinson	Hon. Research Assistants.
	A. C. Downing	Hon. Research Assistants.

Zoology and Comparative Anatomy (see *Faculty of Science.*)

[The] Professors of Eugenics, Psychology, and Zoology, and Mr. G. P. Wells are also members of this Faculty. For the University College Hospital Medical School members, see the prospectus of the Faculty.]

† Fellow of the College.
* Appointed by the Royal Society.

THE COLLEGE COMMITTEE.

There were several vacant seats on the College Committee at the opening of the year ending 28th February, 1946. Dr. David Heron, who has since 1926 retained his membership on the annual nomination of the body of Fellows, has been unanimously recommended by the committee for appointment to one of those vacancies. It is a great satisfaction to his colleagues that there is thus ensured a continuance of the services of one who has taken an outstanding part in many recent developments promoted by the committee and whose clear judgment, expressed in concise statement, is allied to a devotion to the interests of the College. The name of the new nominee of the Fellows is not yet available.

The lamented death of Sir Thomas Lewis is referred to on p. 42. The traditional association between the College Committee and the Medical School will be continued by the appointment of Dr. H. P. Himsworth, Professor of Medicine at University College Hospital Medical School and Fellow of the College, as Sir Thomas Lewis's successor on the committee.

Dr. P. Dunsheath, President of the Institution of Electrical Engineers, has been appointed to one of the other vacancies on the committee. His presence at their meetings is welcomed, not only because of his interest in the College and his standing in his own profession, but also because of the many technical problems which arise from time to time, on which his experience will be of such great value.

Professor Andrade and Professor G. T. R. Hill have succeeded Professor Jeffery (*see* p. 25) and Professor Kapp as two of the representatives of the Professorial Board.

Mr. A. S. Gilbert, the nominee of the Old Students' Association for many years past, having left the Faculty of Laws to take up other work, has resigned his seat on the College Committee. Mr. G. W. Odey has been nominated as his successor, as from 1st March, 1946.

STAFF AND STUDENTS.

Reassembling of the College.

The last two Reports have recorded the gradual resumption of work in London. The Committee now have the satisfaction of reporting that all Faculties and Departments have returned to Gower Street and are, with one or two minor exceptions, providing full programmes of work. The Faculty of Laws and the Preclinical section of the Faculty of Medical Sciences, the Bartlett School of Architecture, the Slade School of Fine Art, and the

Department of Political Economy returned from evacuation at the opening of the current session (1945–46). The following departments, whose work was suspended during the War, have reopened :—the School of Librarianship, the Departments of Scandinavian Studies, Statistics, the History and Philosophy of Science and the Ramsay Laboratory of Chemical Engineering.

Since no rebuilding or reconditioning of the destroyed or damaged parts of the buildings has as yet been permitted, the problem of housing the College in its entirety has involved many readjustments, and the Long Vacation of 1945 was a busy period of preparation. Some of the incoming departments are suffering much hardship and inconvenience owing to the cramped conditions. The Faculty of Medical Sciences has not been able to have the full use of its own territory owing to the continued occupancy of more than half of it by departments of the Admiralty and the Ministry of Food. The Slade School, whose large rooms have been so freely used in its absence for common rooms for staff and students, is carrying on with a part only of its premises. The students have been provided with alternative common room accommodation in the Lower Refectory and as co-tenants of the Engineering Society's Room, but rooms for other student purposes and the Staff Common Rooms remain in the Slade School. The Ramsay Laboratory of Chemical Engineering is temporarily housed with the other Engineering departments. The Departments of Political Economy and Phonetics are working in scattered and inadequate accommodation pending the rehabilitation of their proper homes in Arts Annexes 1 and 2.

None of the emergency arrangements could have been successfully implemented had it not been for the prevailing public spirit and goodwill which have animated all sections of the community throughout the evacuation period and which are, perhaps, being put to an even greater test at the present time. The College Committee are glad to have this opportunity of recording their appreciation of the helpful way in which the inevitable difficulties and inconveniences are being overcome alike by staff and students.

It was hoped that the acquisition of large huts would afford substantial relief and the failure to obtain permission for their erection has proved a severe handicap. The end of hostilities has had the anticipated result of a great influx of applications for admission to the College, which may be regarded as a prelude to a still greater demand as the process of demobilisation progresses, and the various departments are, with very few exceptions, filled to the utmost limits of their capacity. Not the least of the problems of dealing with such large numbers has been the question of providing meals, and it has taxed the resourcefulness of the Steward, Miss Noel Small, and her staff to cope with the situation. The staff luncheon room has been transferred to the Museum of the

Departments of Eugenics and Statistics. The loss of the Lower Refectory for meals has had the natural result of overcrowding the Refectory and the Octagon, which has been converted into a light luncheon annexe. The Committee are taking every means in their power to reduce queueing for the students, who have, it must again be noted, submitted with uncomplaining cheerfulness to this further hardship imposed upon them by stress of circumstances.

At the opening of the present session, the Provost met new students in Woburn Hall, and subsequently met all students at a larger gathering in Friends' House. The time when such assemblies can once more be held within the walls of the College is eagerly awaited. In the present state of the premises, there is no room which will accommodate one-tenth of the total personnel.

The following table shows the distribution of students as at the opening of the Second Term of the current Session (January 1945). The figures for 1944–45 are, for the purposes of comparison, given in brackets.

SESSION 1945–46.

	Number of Students.					
	Men.		*Women.*		*Total.*	
FACULTY OF ARTS.						
(*a*) General	214	(77)	578	(314)	792	(391)
(*b*) Slade School of Fine Art	91	(22)	163	(85)	254	(107)
(*c*) Bartlett School of Architecture	73	(30)	86	(37)	159	(67)
(*d*) School of Librarianship	12	(—)	36	(—)	48	(—)
(*e*) Department of Political Economy	28	(10)	39	(13)	67	(23)
FACULTY OF SCIENCE	257	(147)	207	(130)	464	(277)
FACULTY OF MEDICAL SCIENCES	105	(93)	51	(51)	156	(144)
FACULTY OF ENGINEERING	149	(122)	3	(5)	152	(127)
FACULTY OF LAWS	83	(20)	16	(2)	99	(22)
	1,012	(521)	1,179	(637)	2,191	(1,158)

Of the above students, 201 (59) are postgraduate, 1,406 (874) are preparing for first degrees, 333 (145) for diplomas (including 8 Chemical Engineering students), 31 (7) for certificates in Architecture, Decoration or Egyptology, and 220 (73) are taking other courses. Among these are 130 who have returned to College to continue their courses after an interruption for War Service.

It will be noted that in the Faculties of Medical Sciences and Engineering there is not the same leap up in numbers as in the case of the other faculties and departments, the reason being that in each of these faculties the highest possible number of admissions had been almost reached in the previous session, having regard to available laboratory accommodation. The number of women

applicants for the few places that can be allotted to them in Medical Sciences continues to grow and the process of selection with the aid of an entrance examination becomes an increasingly formidable task. Up to the present, there is no improvement in the position created by the entirely inadequate provision of clinical facilities for women medical students in London, but it is confidently expected that it will be remedied in the near future. The Engineering figure includes fourteen students taking the resumed Chemical Engineering courses. The big increase in the number of postgraduate students is a particularly gratifying sign of revived academic activity. The restrictions and difficulties created by the War had necessarily brought the pursuit of original research, except for War purposes, almost to a standstill. A great impetus in this direction may now be anticipated, which will increase in strength as facilities become available.

Living Accommodation for Students.—Reference has been made to the problem of students' meals. An even more urgent problem is that of living accommodation for students whose homes are out of reach of the College. The loss of University College Hall, Ealing, as a men's hostel and the smaller number of places available for U.C.L. women at College Hall, Malet Place, owing to War damage, have already been reported. Connaught Hall, the University hostel for men students, has continued to allot to the College as many places as are possible, but the number is very small. The three Gower Street houses which were leased for College Rooms have been open during the past twelve months for some forty women students and have proved a happy experiment under the general care of Dr. and Mrs. L. W. Tancock. A further development of the scheme is on the point of being launched. The leases of six houses in Cartwright Gardens, within easy walking distance of the College, and of one house in Sandwich Street which is adjacent, have been secured. Four of these houses, including the one in Sandwich Street, are to provide a further College-rooms unit with accommodation for another forty students. The remaining two houses are already in temporary occupation by members of the Slade School. Miss Radley, the Deputy Registrar, has rendered good service in connection with the allocation of places in the College Rooms, and the Steward, Miss Small, has somehow managed to provide the residents with house dinners in the Refectory. Mrs. Moore, the University Lodgings Officer, has continued to give invaluable help in the whole matter of student accommodation.

Student Health Scheme.—A further step forward in the promotion of students' welfare was taken at the opening of the Session 1945–46 by the inauguration of a scheme of insurance for full-time students against certain medical and dental charges at a cost of £2 10*s.* per session to the student, which has been followed by the introduction in the Second Term of a simple form of medical inspection.

The scheme is in the initial stage and will be reviewed at the end of the session ; it is therefore early to speak of its success, but the Committee are already confident that it will have to go on and be further developed. The scheme was begun on the initiative of the students themselves, who have their representatives on the special committee appointed to administer it. Mr. Digby Besant, who is kindly acting as Senior Treasurer, Dr. David Heron, who has taken an active interest in the scheme, together with Mr. S. T. Bindoff, Dr. Una Fielding and Professor Winton of the academic staff, are the College Committee representatives. The co-operation of University College Hospital Medical School in connection with the working details of the medical inspection has been an invaluable help. The committee wish to emphasize that, while it is necessary for the scheme to be compulsory on all full-time students if it is to be a success, there is no intention of imposing upon the student community a scheme which does not command its wholehearted support. An overwhelming majority are in favour of it and it was at their urgent desire that the preliminary steps were taken. The question of student health throughout the country has come to the front since the conclusion of the War, and it is a satisfaction to the committee to know that University College has become a pioneer in London of a movement which seems destined to spread and which is of so much importance to the health of the nation.

Student Activities.—The return of all parts of the College to London has necessarily influenced the general outlook of student life and the desire to revive pre-War traditions, as well as to create new ones in conformity with the spirit of the present day, has been evident among a stalwart body of those in the later years of their courses. The presence of an exceptionally large proportion of " freshmen ", who have had to become acquainted with the College before taking an active part in its social life, has made their task more difficult. Overcrowding and the lack of proper amenities have also presented obstacles. Nevertheless, some of the Clubs and Societies which had been dormant during the years of evacuation have come to life again and several new ones have come into being. Athletic Clubs, being debarred from the occupation of their own new athletic ground, have been obliged to seek the hospitality of other colleges and have encountered many difficulties. In spite of this, they have managed to enter teams for intercollegiate events, in many cases with successful results.

Turning to the Session 1944–45, Foundation Week, March 1945, was celebrated with the following ambitious programme :— An Oration by Professor D. M. S. Watson on " The College and the Future ", and a Debate with King's College on the motion " That the training of qualified technicians is no part of the function of a University ", both in the Gymnasium and both followed by

dinners at College ; a matinée and two evening performances of *Thunder Rock*, ably produced by Mr. Kenneth Puttick of the Faculty of Science, at the Tavistock Little Theatre ; Games against King's College on their athletic ground at Mitcham, followed by a dance in the Refectory ; a Saturday afternoon Reunion of past and present students sponsored by the Old Students' Association at Seymour Hall ; and a Ball at Porchester Hall. The Pre-clinical Medicals, who were still in evacuation at Leatherhead, and the Architects at Cambridge also had Professor D. M. S. Watson as their Foundation Orator and each arranged other successful events, dramatic and social. Before leaving Oxford, where, in their own words, they had spent " six rich and happy years ", the students of the Slade School had a very successful Ball at the Randolph Hotel and their company of " Barnstormers " produced *The Drunkard.*

U.C.L. Students took their part in VE celebrations in London. Phineas, the College mascot, went to Parliament Square attended by a strong bodyguard on Monday, 7th May, the eve of Victory, and returned safely home.

Two Societies which draw their members from all Faculties, the Music Society and the Dramatic Society, have been hard at work this session. The Music Society, under its new Director, Dr. Bernard Robinson, has large choral and orchestral sections, both of which meet regularly. Professor Winton has been a good friend to the Society and has given much practical help in the arrangement of College concerts. These have met with a growing appreciation which is most encouraging. The Dramatic Society also meets regularly and is now busily rehearsing for the next Foundation Play. At the close of last term, the Society collaborated with the Student Christian Movement in a very successful production entitled " Christmas in Art ".

Lack of space prohibits a more detailed account of this side of College life, but the foregoing will show that Gower Street has once more become a centre of youthful activity and enterprise. The Committee appreciate the difficulties of the present-day London student who cannot live at home, and who has little opportunity for private study in the evenings and for social contacts. As a means of helping such students, the student Common Rooms of the College are now open every evening in term until 10.30 and on Sunday afternoons. The Slade School is also open for students who desire to work there in the evenings.

The students have not been too occupied with their own problems to take their share in the larger movements affecting the student world as a whole. University College students have co-operated in the appeal organised by International Student Service on behalf of a fund for World Student Relief and in the work of the National Union of Students.

New Phineas, the College Magazine, has a proud record of wartime production and of invaluable service as a co-ordinating link between the evacuation centres. In the reassembled College it is continuing to perform the same function as between Faculties and Societies and is a useful medium for giving expression to the general trend of student opinion. A new College newspaper has just made its first appearance.

Amalgamation of the Union Society and the Women's Union Society.—The outstanding student event of the past twelve months is the adoption of a constitution for a joint Union to replace the two Union Societies. The movement towards this end has extended over a long period, the idea of such a Union having been first conceived many years ago without any concrete action to make it effective. The return to London after the experience of evacuation has resulted in it being crystallised into a practical scheme. In the course of many meetings and much discussion there was evidence that an overwhelming majority of the students who took part were ardently desirous of the change. The College Committee were anxious that the desire of such a large body of the students should not be thwarted, provided that the interests of both of the former Societies were safeguarded so that neither would suffer any disadvantage by the proposed amalgamation. With this end in view, they appointed a Sub-Committee to confer with student representatives and to draw up with them a constitution that would be acceptable to the students and to the College Committee. This somewhat difficult task has now been successfully achieved, and the new Union will come into being on 1st April, 1946. In approving the principle of amalgamation, the College Committee have made a proviso that, after a trial of five years, there shall be a reversion to the former principle of two Societies in the event of there being a two-thirds majority in either section in favour of this. Elections for the officers of the new Union have been proceeding, and Mr. J. Swainson of the Faculty of Engineering has been chosen as the first President.

The *Old Students' Association* has continued its good work of keeping past students in touch with the College as far as present conditions will permit. Three bulletins of College news have been issued to members since 1939, the latest being dated December 1945. In addition to the Reunion of Foundation Week referred to above, there was a visit to the damaged College buildings, which many of the members had not seen, in June 1945, preceded by the first Annual General Meeting held since 1939. The custom of an Annual Dinner at the College was revived last January, and it is hoped that it will be possible to hold the first post-War Annual Dance in March. All these events entail much labour for the Hon. Secretary, Dr. F. C. Harris, to whom the Association and the College are deeply indebted. Professor H. E. M. Barlow has succeeded

Dr. Paul Haas as President. Mr. T. L. Wren continues as Hon. Treasurer.

THE ACADEMIC STAFF.

The changes in the personnel of the Academic Staff during the past twelve months have been numerous. Most of the teachers who had been on War service have been welcomed back, but the resumption of the full work of the College in London and the great increase in the number of students have involved many new appointments. There have also been resignations and retirements. It is not possible within the limits of this Report to make a complete record of these changes, but there are several outstanding ones to which reference must be made.

The retirement of Professor T. G. Hill at the close of 1944–45 has withdrawn a very familiar and well-loved personality from the daily life of the College. He had been due to retire in 1943, but had consented to remain on from year to year to help over the difficulties created by evacuation and by Professor Salisbury's appointment as Director of the Royal Botanic Gardens, Kew. The history of his connection with the Department of Botany and of some of his other activities is briefly summarised in the following resolution of the Professorial Board, with which the College Committee associated themselves :—

> The Professorial Board desire to place on record their sense of the great loss which the College has sustained by the retirement of Professor T. G. Hill from the Chair of Plant Physiology.
>
> His work in the Department of Botany dates from 1907 when he entered as Assistant. He became Assistant Professor in 1910, Reader in Plant Physiology in 1912 and Professor of Plant Physiology and Director of the Laboratories in 1929. The reputation that the College has achieved as a centre of research in plant physiology and its biochemical aspects has been almost entirely associated with his name, while the Department has profited greatly by his high standing as a botanical teacher and as an administrator. In drawing attention to new developments in Botany, he has played a leading part in the advancement of the subject not only in the University but also in the country as a whole, and it was appropriate that he should be chosen as president of the Botanical Section of the British Association at its Centenary Meeting (1931).
>
> He was Major and Adjutant of the University of London O.T.C. before and during the war of 1914-18 and his College and University interests extended far beyond departmental boundaries.
>
> The Professorial Board wish to convey to Professor Hill

their great appreciation of the past and their most cordial good wishes for the future.

In acknowledging the terms of that resolution, Professor Hill himself added :—

> " I should like it to be recorded that I first became associated with the College in 1904, when on Oliver's invitation I took part in the work on dynamic ecology, a new development, which began at Erquy in Brittany in the Autumn of that year. This work was carried out in France for some four years and then transferred to Blakeney ".

Unconventional and impatient of anything that he deemed to be unnecessary officialdom, " T.G." sought to overcome the difficulties of daily life for himself and for others by a simplicity of outlook which endeared him to a host of friends in all departments, and none will receive a warmer welcome when he is able to revisit his old haunts. It was with a characteristic gesture that he made a farewell gift to the College in the shape of a Georgian silver sugar-bowl and milk jug.

The Senate have conferred upon him the title of Professor Emeritus.

The impending resignation of Professor G. B. Jeffery from the Astor Chair of Mathematics on his appointment as Director of the University Institute of Education was mentioned in last year's Report. It took effect at the close of the Session 1944–45. He had occupied the Chair since 1924, in which year he returned as Head of his old department after having held a professorship at King's College. His presence is greatly missed in all sections of the College, for he had taken an outstanding part in many aspects of its life. As a member of the Professorial Board, and for several years one of its representatives on the College Committee, he made a great contribution both to policy and to administration. His gift of clear thinking and his power of exposition often clarified a point in the course of a debate, and he was always ready to give practical help in giving effect to the decisions taken, having a wide experience of University procedure as a member of the Senate. His service as Pro-Provost at Bangor will long be remembered. The continuance in London of the closer corporate student life which was experienced at that evacuation centre was a project very near to his heart, and he took a leading and very practical part in the early stages of the College-rooms scheme. His later career as an administrator of the University will be followed with sympathetic interest by his many friends at the College. They hope that, as one of its Fellows, he will find many opportunities of renewing old ties.

Sir Jack Drummond resigned the Chair of Biochemistry as from the end of May 1945, in order to take up an appointment as Chief Director of Scientific Research with Messrs. Boot's Pure Drug Company, Ltd. When he first joined the College in 1919 the study

of Biochemistry as a principal subject was in its infancy, but was growing in importance. The first post he held was that of Assistant in Physiological Chemistry in the Department of Physiology. The Senate soon recognised the value of his work by conferring on him the title of Reader, and when a Chair of Biochemistry was instituted under the Rockefeller Foundation benefaction he was appointed the first Professor (1922). Under his virile and inspiring leadership the work has gone on from strength to strength, and many young biochemists have gone from the College to carry it on elsewhere. As Scientific Advisor to the Ministry of Food during the War years, Sir Jack Drummond has given to the service of the nation the benefit of the researches in nutrition which have been such an important feature of his academic work, and his position as an authority in that particular field has brought him many other opportunities of service. He carries with him into the new sphere he has now chosen the good wishes of his former colleagues and students.

The three departing professors were severally entertained at farewell dinners at the College, organised by their respective departments, before the end of last session.

Dr. Edith Batho, Reader in English, has left to become Principal of Royal Holloway College. Her distinguished academic career and scholarly literary work earned for her the Fellowship of the College, and her happy connection with the Department of English, to which she has given devoted and invaluable service, will long be remembered by her colleagues and students. While there is general regret at her departure, her appointment to such a high office in the University has given great satisfaction to her many College friends.

Mr. H. T. N. Gaitskell, Reader in Political Economy, and Head of that department, resigned on his election as a Member of Parliament. He had rendered special service to the College in the absence of a Professor of Political Economy ; Dr. Rosenstein-Rodan is now acting-Head of what is a very active department.

Dr. T. Weevers, formerly Reader in Dutch Language and Literature, jointly at University and Bedford Colleges, now occupies the Chair newly-established at Bedford College as part of the scheme for Dutch Studies in the University (*see also* p. 27).

Other resignations from the non-professorial staff include those of Dr. J. H. Le Patourel, Reader in Mediaeval History, now Professor at Leeds ; Dr. R. J. W. Le Fèvre, Reader in Chemistry, who has accepted an appointment under the Ministry of Aircraft Production ; Dr. H. R. Ing, Reader in Pharmacological Chemistry, who now holds a similar appointment at Oxford ; Dr. A. G. M. Weddell, Demonstrator in Anatomy, who has also gone to Oxford ; and Dr. O. J. Walker and Dr. C. L. Wilson, Lecturers in Chemistry, who have accepted industrial appointments.

Dr. Elizabeth Fraser has retired from the Readership in Zoology, the emoluments of which she has generously refused for several years past, but retains her connection with the department as an Honorary Research Associate.

Dr. F. C. Chalklin, Reader in Physics, has been appointed to a Chair of Physics at Canterbury University College, Christchurch, New Zealand, and his resignation of the Readership will take effect at the end of the current Second Term.

Turning to those who have come to fill the various gaps in the College ranks, there are several new appointments to the professoriate to record.

Three valued and well-tried members of the staff have received the title of Professor. Dr. J. F. Lockwood, Reader in Classics, has succeeded Professor Butler in the Chair of Latin. Dr. G. J. Renier, Reader in Dutch History and Institutions jointly at University and Bedford Colleges, now holds a professorship at University College established with the financial support of the Royal Netherlands Government; he delivered his inaugural professorial lecture last June. Dr. H. E. Monteagle Barlow, Reader in Electrical Engineering, has been appointed to a second Chair in Electrical Engineering established under a bequest of the late Sir Ernest Moir, Bt., a former member of the College Committee and Fellow of the College who died in 1933 (*see also* p. 32).

Dr. Harold Davenport, Professor of Mathematics at University College of North Wales, Bangor, has succeeded Professor Jeffery in the Astor Chair.

Mr. J. Z. Young, Fellow of Magdalen College and University Demonstrator in Zoology in the University of Oxford, has been appointed to the Chair of Anatomy, which has been vacant since the death of Professor Woollard in January, 1939.

Dr. F. G. Young, Professor of Biochemistry at St. Thomas's Hospital Medical School, and a former member of the Physiology staff, has returned as Sir Jack Drummond's successor in the Chair of Biochemistry. The former combined Department of Physiology, Pharmacology and Biochemistry has now become three separate departments working in close association with one another.

Dr. C. Daryll Forde, Professor of Geography and Anthropology at University College of Wales, Aberystwyth, and sometime a member of the Geography staff of this College, has been appointed to the new Chair of Anthropology.

Mr. Raymond Irwin, sometime County Librarian of Northamptonshire, and since 1934 County Librarian of Lancashire, has succeeded the late Mr. J. D. Cowley as Director of the School of Librarianship.

Dr. R. H. Graveson has been appointed Reader in English Law. A Department of Laws has been created for administrative purposes with Professor G. W. Keeton as its Head.

There are certain outstanding honours recently conferred on

members of the present staff which call for special mention. The Companionship of Honour has been conferred by His Majesty the King on Professor A. V. Hill. Dr. A. H. Smith has received the O.B.E. The Royal Institute of British Architects have awarded to Professor Sir Patrick Abercrombie their Royal Gold Medal for 1946. The University Faculty of Science have elected Dr. O. L. Brady as their Dean. Of those of the immediate past, two have received Knighthoods : Dr. C. F. Goodeve and Dr. E. J. Salisbury, who has also been awarded the Royal Medal of the Royal Society. The College feels that it has a share in the honour of the Knighthood conferred on Dr. Archibald M. H. Gray, Fellow of the College and Head of the Skin Department of University College Hospital Medical School.

The Professorial Board.—Miss H. Winifred Husbands and Dr. Constance Rigby, Lecturers in English and Mathematics respectively, have been appointed members of the Board for the Session 1945–46 under College Statute 24 (5), in place of Dr. Edith Batho and Dr. H. R. Ing. Dr. R. Ogilvie Buchanan, Reader in Economic Geography, has succeeded Dr. J. F. Lockwood, on the latter's appointment to the Chair of Latin, under the same statute.

The Provost and Mrs. Pye were At Home to members of the College Committee and present or recent members of the Academic Staff in the Slade School on 14th December, 1945.

THE LIBRARY.

The past year has seen the return to London of the last of the exiled departments, and the Library has been called upon in consequence to cram even more than the proverbial quart into the pint-pot of its meagre space. In the Thane Library in the Faculty of Medical Sciences, two of the three reading rooms normally available are still occupied by the Ministry of Food, and the books are inconveniently overcrowded in the space remaining for Library purposes. The Bartlett School of Architecture has been fortunately able to reoccupy the whole of its pre-war premises, and its library has been reinstated in its former room. For the other returned departments some thousands of additional books have been brought into College from their temporary refuge in the country, and space has somehow been provided for them in the two reading rooms in Foster Court, while the Library's one book-store has been filled to overflowing with the more generally needed periodicals in all fields of study.

In connection with the re-establishment of the Department of Scandinavian Studies in the College, steps were taken to make the needs of the Library as widely known as possible, with the happy result that gifts have been promised, and in some cases already received, from Denmark, Norway and Sweden, which will go far to replace the heavy losses suffered by the Library.

Machinery has been set in motion, with the help of the appropriate Government Departments, for obtaining books and periodicals published in Germany and Austria during the war, and the needs of the College Library in respect of these publications have been formulated.

A list of the principal gifts made to the Library in the past year will be found on pp.30-32 of this Report. The outstanding acquisition by purchase made during the period is the great collection of books, periodicals, pamphlets and offprints, devoted to palaeontology, which belonged to the late Sir Arthur Smith-Woodward. This is probably the most complete library in its special field which has ever been brought together, and adds immense strength to the body corporate of the College Library at a point where it was already reasonably strong.

After 32 years of valuable and devoted service Miss N. Beale, who had been Sub-Librarian since January 1929, took leave of the College in the Summer. Her place has been taken by Major Kenneth Garside, a senior assistant in the Library of the University of Leeds, at present holding an administrative post at G.H.Q., B.A.O.R.

GENERAL FINANCE.

Financial Year 1944–45.

1. The audited accounts of the College for 1944–45 appear in Appendix I.

2. A Summary of the general position may be made as follows :—

	£	*Change from previous year (+ or —).* £
Ordinary Income (including appropriations) ..	186,852	*+25,192*
„ Expenditure	204,979	*+66,718*
Deficit on ordinary revenue	18,127	*+41,526*
Extraordinary Income	67,312	*+41,899*
„ Expenditure	40,994	*+15,988*
Surplus on extraordinary revenue	26,318	*+25,911*
Final surplus	8,191	*—15,615*
Allocated to Reserves	8,187	*—15,579*
Balance carried forward to 1945–46	4	*— 36*

3. In Ordinary Income, the increase is practically all due to :—

(*a*) Increased appropriations from endowments, donations and subscriptions and special funds ; these appropriations vary with expenditure.

(*b*) Students' fees, where there was an increase of almost £18,000.

4. The increased expenditure occurred under the following main headings :—

	Increase over 1943–44. £
Administration	*5,145*
Departmental maintenance	*43,362*
Maintenance of premises	*13,448*
Mortgage Interest (new this year)	*1,000*
	62,955
Various other items	*3,763*
Total increase (*as in para.* 2)	*66,718*

5. *Extraordinary Income and Expenditure Account.*

The most noteworthy features are :—

(*a*) An increase of some £17,400 in the amount claimed and received for war damage (£24,000) against expenditure of £24,967.

(*b*) The appearance on the income side of appropriations from various reserve or other funds (three appropriations £8,423 in total) towards Servants' Pensions quinquennial premiums, and increased salaries ; there are corresponding increases in the relevant expenditure items in the appropriate part of the accounts.

6. The allocations to Library Reserve Fund and Rebuilding Fund practically balance the year's final revenue.

BENEFACTIONS AND DONATIONS.

The College Committee make grateful acknowledgment of the Grants, Subscriptions and Donations received from the bodies and persons named in Appendix II (pp. 58–59).

They also desire to record their thanks for the following further gifts received during the past twelve months :—

(i.) *Gifts to the Library.*

Athenæum Club, through the Inter-Allied Book Centre.

A collection of 542 volumes of periodicals, scientific and humanistic.

Miss A. M. D. Baker.

A set of "The Review of Reviews" from July 1895 to Vol. 81, 1903.

Mr. R. G. L. Barrett.

A collection of 395 volumes and pamphlets of German literature.

Dr. Edith C. Batho.

A collection of 23 volumes from the library of her sister, the late Miss D. Batho.

Professor Norman H. Baynes.

A collection of 140 volumes and pamphlets in Ancient History.

Miss N. Beale.

A collection of 24 volumes and pamphlets of English and French literature.

Mr. M. C. Chancellor.

A collection of 32 volumes of modern English biography.

The Danish Council.

A collection of 25 volumes and pamphlets of Danish interest.

Miss K. Jeffries Davis.

A large collection of volumes and pamphlets dealing with the History of London, from the library of the late Miss E. Jeffries Davis, formerly Reader in the History of London in the College.

Miss M. Eyre.

A donation of three guineas for the purchase of a book for the English Library.

Dr. Elizabeth A. Fraser.

A collection of 41 early printed books.

Professor A. V. Hill.

A collection of 1695 volumes and pamphlets.

Mrs. A. L. Lawrence.

A collection of 31 volumes of literature and history presented in memory of her son Sergeant D. P. Lawrence, a former Slade student.

Mrs. W. Makower.

A collection of scientific books from the Library of the late Professor W. Makower.

Royal Library, Stockholm.

A large collection of Swedish books for the Scandinavian section of the Library.

Royal Norwegian Ministry of Education.

A collection of 137 volumes of Norwegian books for the Scandinavian section of the Library.

Miss B. M. Skeat.

A collection of volumes of English literature from the Library of her father, the late Professor W. W. Skeat, together with the chair and desk which he used, and a small plaque of Chaucer.

Professor H. E. Watson.

Long sets of volumes of the following scientific journals :— The Wireless World, Experimental Wireless, The Wireless Engineer.

(ii.) *Other Gifts.*

The Royal Netherlands Government offered to increase their grant to the Dutch Studies Fund to a sum sufficient to convert the Readership in Dutch History and Institutions into a full-time professorship tenable at University College. The offer was gratefully accepted and the Reader, Dr. G. J. Renier, has been appointed to the professorship.

The Rockefeller Foundation have made a further munificent benefaction by notifying their willingness to provide, during the six years beginning January 1946, a sum up to £18,000 in support of the research in Biophysics which Professor A. V. Hill is conducting. The Committee recall in this connection that in 1933 the Foundation made a gift of £4,000 to cover the cost of erecting and equipping additional accommodation in the Medical Sciences block for this research.

A sum of £18,593 9*s.* 7*d.* has now been received under a bequest of the late Sir Ernest Moir, Bt., Fellow of the College and member of the College Committee, who died in 1933, for the benefit of the Department of Engineering. The capital has been invested and, on the advice of the Professorial Board, the income is being applied to the establishment of a second Chair of Electrical Engineering. The status of Dr. H. E. M. Barlow, Reader, has been raised to that of Professor.

The Anglo-Iranian Oil Company, Ltd., has given £2,000, and British Celanese, Ltd., £500, for the Ramsay Memorial Laboratory of Chemical Engineering.

The offer of Messrs. Roche Products, Ltd., to pay £500 per annum for five years in recognition of advantages they have obtained from co-operating with the Department of Pharmacology in certain research work, has been gratefully accepted.

Mr. Roston, Managing Director of the Linguaphone Institute

Ltd., has given £1,000, for the encouragement of the study of Phonetics and Spoken Languages, by the establishment for five years of a scholarship of £200, to be awarded annually to a postgraduate student for research in Phonetics.

The late Professor Emeritus Sir Ambrose Fleming (*see* p. 40) bequeathed to the College his medals, diplomas, scientific apparatus and scientific books, to be preserved as a memorial to his long connection with it. In handing these over, Lady Fleming presented in addition two bookcases to house the books. The Will also provides that a fifth part of the residue of the estate, subject to a life interest, shall go to the College " to be employed by them in any way that may seem best in their judgment to promote scientific research having for its object human benefit or an increase in our knowledge of the works of the Creator ". There is a further proviso that the money might be employed in any way that the College thinks fit " for the advancement of learning or research or for the establishment of scholarships to commemorate my connection with the College as a Professor ".

A Fund of £325 already received, with promises bringing the total up to about £400, has been raised by the committee of the Allen Mawer Memorial Fund and handed over to the College. In accordance with their wishes, the Fund will be applied to the purchase of an electric gramophone and a library of records of good music, to be placed ultimately in one of the common rooms for students of all Faculties, which is to be included in the reconstructed buildings and named in memory of Sir Allen Mawer.

Under the Will of the late Dr. Catherine Raisin, Fellow, the following sums have been received : for general purposes, £100 ; for the establishment of a prize in memory of the late Rev. T. G. Bonney, Yates-Goldsmid Professor of Geology and Mineralogy 1877–1901, £300 ; in recognition of the testatrix's election to the Fellowship of the College, £500 (no purpose specified).

Dr. Marie Stopes, Fellow, has given £150 towards the purchase of the library of the late Sir Arthur Smith-Woodward (*see* p. 29).

Miss L. Vernon bequeathed £200 to the College for kindness shown to her in connection with her attendance at certain lectures at the College.

Professor Emeritus E. J. Garwood has given 1,200 lantern slides and a number of geological maps for the Department of Geology, together with a sum of £25 towards the cost of bookcases for the Department.

Professor T. G. Hill has given a Georgian silver milk jug and sugar bowl with tongs.

Mrs. Whitmore Jones provided free hospitality to College pictures at her home at Chastleton, Oxfordshire, during the War.

ADMINISTRATION.

A brief reference was made in last year's Report to the retirement of Miss Edith Goodyear from the office of Tutor to Women Students and her approaching departure after she had extended her period of service to help the College in a difficult time. She finally severed her active connection with administration during the Second Term of 1944–45. Her leaving was a matter of universal regret, for Miss Goodyear has earned for herself the affectionate esteem of her colleagues, both academic and administrative, and of the many generations of students whom she has befriended. She has never been happier than when trying to " help lame dogs over stiles ", and probably no one in the College has received more confidences from the younger generation. She has responded to these with a whole-hearted sympathy and has never spared herself in her efforts to solve the problems of those who came to her with their difficulties. Every movement to promote the well-being of the woman student received her active support. In particular, she has rendered valiant service as a Trustee of the Women's Union Society's Athletic Ground and as Chairman of the Committee of Management of the Winifred Smith and Maude Foster Memorial with its " Old Forge " Cottage at Chiddingly, Sussex.

Miss Goodyear first entered the College as a student in 1898. She became a member of the Geology staff in 1904 as Museum Assistant under Professor E. J. Garwood, to whom she rendered stalwart assistance during practically the whole period of his professorship. She retained a connection with the department as Honorary Lecturer up to the time of her retirement, though in recent years her duties as Tutor have engrossed more and more of her energy. Following on the death of Miss Winifred Smith, she became Acting-Tutor to Women Students at the beginning of 1926 and her appointment was confirmed in June of that year. She carries with her into her retirement the good wishes of all who have learnt to value her and will always receive a warm welcome whenever she revisits the scene of her devoted labours.

It was hoped that Miss Barbara Sutcliffe, who had been selected to succeed Miss Goodyear with the new title of Advisor to Students, would have begun work at the opening of the current session, but, having become engaged to be married, she felt it necessary to relinquish the appointment without having entered upon its duties. During the gap that has thus been created, Miss H. Winifred Husbands, of the Department of English, who had already acted as Miss Goodyear's temporary deputy during the latter part of last session, has kindly continued to carry on.

The retirement of Miss Norah Beale, Sub-Librarian, is reported on p. 29.

Mr. H. C. C. Monahan has been appointed Establishment Officer, a post which has been vacant since the retirement of Colonel Gill in 1942.

Mr. L. Elton resigned his appointment of Departmental Assistant in the Slade School as from the end of 1944–45 to take up a permanent post under the British Council. He had built up a valuable system of records, and had been the mainstay of the School on its administrative side. He has been succeeded by Mr. R. Nuttall-Smith, who acted in a similar capacity during the period of evacuation at Oxford, and who is now combining with his administrative duties those of Lecturer in Perspective.

Miss Irene Venables, Assistant Steward, leaves at the end of March to take up an appointment as caterer-housekeeper at Marlborough College. She carried through with great efficiency a responsible task at Aberystwyth and later at Stanstead Bury during the evacuation, and her friends at the College, while wishing her all success in her new post, are sorry to part from her.

POST-WAR PLANNING.

During the past year, much thought has been given by the College Committee and Professorial Board to the work of the College in the post-war world and the means required to enable it not only to continue to build on the great traditions of the past, but also to undertake pioneer tasks which lie ahead and which come properly within its sphere. Plans have been formulated and have been presented to the University and the University Grants Committee.

An opportunity to discuss these plans with members of the University Grants Committee was afforded on February 1st and 2nd, 1946, when their Chairman, Sir Walter Moberly, and fourteen other members visited the College and conferred with the College Committee, members of the Academic Staff and representatives of the students. The Provost entertained the visitors and members of the College staff at luncheon in the Eugenics Museum on each day.

PUBLIC LECTURES.

There has been a considerable revival of activity in the matter of Public Lectures during the period under review, despite the difficulties of accommodation, and the response on the part of the public has been encouraging.

The Professorial Board have appointed a committee to explore the possibility of developing the scheme of *Public Lunch-Hour Lectures*, which were so successfully inaugurated in 1942 and

which are at present being continued under the general direction of Professor G. W. Keeton. The following list of those which have been arranged during the past twelve months shows that a wide range of subjects has been covered :—

By Visitors :—Professor E. H. Carr, " Democracy in World Affairs " ; Dr. F. L. Carsten, " The Prussian Junkers ", " Prussia and Germany " ; Dr. E. J. Cohn, " Company Law Reform " ; Dr. G. M. Friters, " The Future of the Ruhr " ; Mr. Percy Good, " Standardisation in Reconstruction " ; Professor Vincent Harlow, " The British Commonwealth and World Affairs " (2 lectures) ; Dr. W. W. Kulski, " The Problem of Germany To-day " (3 lectures) ; Dr. R. Marrs, " The Peoples of Ceylon " ; Dr. W. J. Milch, " A New Approach to the Study of Comparative Literature " (3 lectures) ; Dr. Margaret Read, " Education in the African Colonies " ; Dr. D. J. Sloss, Vice-Chancellor of Hong Kong University, " Hong Kong and China," " Hong Kong : The University in Internment."

By Members of the College :—Dr. T. Balogh, " The National Investment Board and the Bank of England " ; Mr. S. T. Bindoff, " The Lighter Side of Historical Research " ; Professor J. B. S. Haldane, " The Methods and Aims of Mathematical Statistics " (2 lectures), " Scientific Method " (2 lectures) ; Professor R. O. Kapp, " The Future of Domestic Lighting and Heating " ; Professor G. W. Keeton, " Nationalism in Eastern Asia " ; Professor J. F. Lockwood, " The Classical Ideal of Life : (i.) The Poet's View, (ii.) The Statesman's View, (iii.) The Philosopher's View " (3 lectures) ; Dr. R. D. McLellan, " Roman Patriotism : (i.) The Tradition, (ii.) Empire and Church " (2 lectures) ; Professor G. J. Renier, " The Methods of History and the Philosophy of Historians " (3 lectures) ; Dr. P. N. Rosenstein-Rodan, " How Much can Germany Pay ? ", " What are our Prospects for a Higher Standard of Living ? " ; Dr. G. Schwarzenberger, " The Charter of the United Nations " ; Dr. L. W. Tancock, " Voltaire " (2 lectures) ; Dr. S. G. Vesey-FitzGerald, " The Proposed Code of Hindu Law and the Cultural Value of Oriental Legal Study " ; Mr. R. Weiss, " Dante's Theory of Poetry " ; Professor B. Woledge, " The Shaping of the French Language."

The College Committee are indebted to all those who have co-operated in this scheme.

Inaugural Public Lectures have been delivered by newly-appointed Professors as follows :—

4th June, 1945. Professor G. J. Renier on " The Criterion of Dutch Nationhood." H.E. The Netherlands Ambassador and other leading members of the Dutch Community in London were present.

21st January, 1946. Professor L. S. Penrose on "The Eugenical Problem of Phenylketonuria."

28th February, 1946. Professor J. Z. Young on "Patterns of Substance and Activity in the Nervous System."

The Shearman Memorial Lectures in Symbolic Logic and Methodology, founded under a bequest of Dr. A. T. Shearman, Fellow of the College, have been inaugurated this session by a Course of Five Lectures on "Scientific Inference" by the Earl Russell. These lectures have created much interest, many being unable to gain admission to the opening lecture owing to the lack of a sufficiently large available theatre.

Other courses which have attracted good audiences have been :—

"The Theory of Radiation and the Elementary Particles" (8 lectures), by Professor H. S. W. Massey.

"X-Ray Crystallography" (7 lectures), by Dr. Kathleen Lonsdale, F.R.S., a former student of the College.

"Pharmacological Chemistry" (5 lectures), by Dr. F. Bergel.

PRO PATRIA.

The following further lists concerning past and present students of the College on War Service have been compiled from College records since the issue of the last Report. The Committee realise that these are probably incomplete owing to lack of information. Any such information which relatives or friends are able to supply will be gratefully received. It should be sent to the Secretary of the College.

THE ROLL OF HONOUR.

Arrigoni, G. (Architecture 1938–39.)
Lieut., Queen's Regiment.—Missing, presumed killed in action at Arnhem, 1944.

Berger, B. D. (Medical Sciences 1931–32).
Capt. R.A.M.C.—Died on Active Service. [Senate Minutes, February 1946.]

Branson, C. A. C. (Slade School 1925–28.)
Killed in Burma, 1944.

Brock, F. A. (Arts 1939–41.)
Flying Officer, R.A.F.—Killed in flying accident, 1944.

Brownscombe, B. (Medical Sciences 1933–35.)
Capt., R.A.M.C.—Missing at Arnhem, 11th October, 1944 : died of wounds.

Butler, B. D. (Arts 1933–34.)
Major, East Surrey Regt.—Killed in action in Normandy, June 1944. [*See* List of Honours.]

Clark, G. J. d'A. (Slade School 1935–39.)
Commission in R.A.—Killed at Rhine Crossing, 1945.

Cochrane, J. B. (Architecture 1922–28).
Capt. R.E.—Died on Active Service in India, September 1945.

Comyns, W. F. (Laws 1929–32.)
Major in R.A.—Killed in action, April 1945.

Cook, N. C. (Slade School 1930–32.)
F./Sgt., R.A.F.V.R.—Killed in raid over Germany, 1941. (Correction.)

Durivault, P. G. F. H. (Slade School 1934–35.)
Cpl., 65th French Regular Infantry.—Killed at Fleurus, 26th May, 1940. [*See* List of Honours.]

Gale, J. K. (Arts 1940–41.)
F./Sgt., in R.A.F.—Missing, presumed killed, when plane crashed in sea on return from raid over Germany, 23rd October, 1943.

Holloway, R. M. (Engineering 1939–42.)
Lieut., R.E.—Killed in action in Germany, April 1945.

Jones, J. R. B. (Laws 1929–36.)
Wounded in Tunisia, 1942.—Died as P.O.W., 1943.

Kushin, L. (Arts 1937–40.)
Sgt./Instructor in Educational Corps. 13th I.T.C.—Died 5th May, 1945.

Lawton, J. H. T. (Medical Sciences 1937–39, Demonstrator in Biochemistry 1937–42.)
Capt., R.A.M.C.—Died of wounds, Normandy, 1944.

Livingstone, R. P. (Medical Sciences 1935–36. Architecture 1937–39.)
Major, R.U. Rifles.—Killed 1944.

Louis, P. (Medical Sciences 1933–35.)
Capt., R.A.M.C.—Missing, presumed killed in action at Arnhem, 1944.

McQueen, A. N. L. (Architecture 1935–37.)
Flight-Lieut., R.A.F.V.R.—Killed as a result of air operations, February 1945.

Miller, G. C. (Science 1938–39.)
Capt., R.A.—Died on active service, 17th April, 1945.

Moss, R. B. (Arts 1942–43.)
2nd Lieut., Lanc. Fusiliers (Attached to Border Regt.), Burma.—Seriously wounded 23rd March, 1945 : died of wounds 21st May, 1945.

Muffett, E. D. (Arts 1933–36. Librarianship 1936–37.)
Capt., R.I.A.S.C.—Died of infantile paralysis in British Military Hospital, Lahore, 3rd August, 1945.

Pitts, N. H. (Engineering 1928–30.)
Lieut., R.N.—Killed in action on H.M.S. "Illustrious", 10th January, 1941.

Rees-Jones, G. F. (Medical Sciences 1924–28.)
Squadron Leader, R.A.F.V.R. (Med. Br.).—Died in Cairo, 18th April, 1945.

Rowland, T. D. S. (Engineering 1936–40.)
Capt., Adj. at R.E. H.Q. 20 India Div.—Killed in action in French Indo-China, 10th October, 1945.

Rowley, G. R. (Slade School 1937–40.)
Wireless Operator in Merchant Navy.—Reported killed, 1945.

Sanderson, G. B. (Economics 1938–39.)
Sgt. Pilot, R.C.A.F.—Killed on operations, May 1944.

Sweeting, J. R. (Medical Sciences 1929–32.)
Capt., R.A.M.C.—Killed in action in Burma, January 1945.

Thomson, W. (Medical Sciences 1934–36.)
Capt., I.A.M.C.—Died on active service. ("Times" 11 January, 1945.)

Whybray, B. M. (Science 1938–39.)
Wireless Operator/Driver, R.A.—Killed in action in Italy, 16th July, 1944.

Honours Awarded.

Adams, W. S. (Engineering 1936–40.)
Capt., B.A.O.R. M.C.

Biggs, K. (Medical Sciences 1918–19.)
Air Commodore, R.A.F. C.B.E. (Military Div.), 1st January, 1946.

Blagden, W. H. (Arts 1919–20.)
Colonel, R.E. C.B.E. (Military Div.), 1st January, 1946.

Burnyeat, P. J. A. (Arts 1938–39.)
Major. M.B.E., 13th December, 1945.

Butler, B. D. (Arts 1933–34.)
Major, E. Surrey Regt. M.C. [*See* Roll of Honour.]

Concannon, M. P. (Engineering 1920–23.)
Lieut.-Col., 94th Field Regt. R.A., B.L.A. D.S.O., September 1945.

Cooper, J. D. (Engineering 1937–41.)
Eng. Lieut., R.N.V.R. D.S.C., 1st January, 1946.

Durivault, P. G. F. H. (Slade School 1934–35.)
Cpl., 65th French Regular Infantry. Croix de Guerre, 1939-40 [*See* Roll of Honour.]

French, E. M. (Engineering 1937–39.)
Capt., 9th R.W.F. M.C.

Gardiner, P. A. (Arts 1937–39.)
Capt., 1st Btn. Leicestershire Regt., B.L.A. M.C.

Greenshields, T. L. (Slade School 1933–36.)
T/Major, R.A. M.C. [*See* Wounded.]

Hargreaves, G. R. (Medical Sciences 1924–29.)
Lieut.-Col., R.A.M.C. O.B.E. (Military Div.), 1st January, 1946.

Henry, Sir James H. (Arts 1929–32.)
Commission in Vth Army. M.C.

Millar, A. P. (Medical Sciences 1938–39.)
R.A.F. D.S.O., D.F.C.

Shepherd, H. K. D. (Arts 1933–36.)
Wing-Commander, R.A.F. O.B.E. (Military Div.), June 1945.

Thompson, H. R. (Medical Sciences 1932–33.)
Major, R.A.M.C. Mentioned in Despatches (N.W.Europe), 9th August, 1945.

Thompson, T. F. W. (Engineering 1910–14.)
Group Captain, R.A.F. C.B.E. (Military Div.), June 1945.

Walker, W. J. G. (Medical Sciences 1911–19.)
Group Captain, R.A.F. C.B.E. (Military Div.), 1st January, 1946.

Winner, Albertine L. (Medical Sciences 1925–29.)
Lieut.-Col., R.A.M.C. O.B.E. (Military Div.), 1st January, 1946.

Wounded, Missing, or Prisoner of War.

Greenshields, T. L. (Slade School 1933–36.)
T/Major, R.A.—Wounded. [*See* Honours.]

Holmes, J. R. (Arts 1941–42.)
Flying Officer, R.A.F.—Reported missing from raid over Germany, 31st December, 1944.

Johns, W. E. F. (Architecture 1932–37.)
Capt., R.E.—Reported missing in Far East, March 1945.

Purvis, A. F. (Slade School 1917–18.)
Major.—Wounded November 1944.

Thompson, J. (Arts 1937–40.)
R.A. (616/203 Field Regt.).—P.O.W. May 1942, released May 1945.

Air Raid Casualties.

Oliver, Mary Constance. (Slade School 1921–25.)—Killed September 1940.
Scroggie, Edward Alfred William. (Slade School 1928–31.)—Killed 1944.

OBITUARY.

Professor Emeritus Sir (John) Ambrose Fleming, M.A., D.Sc., D.Eng., F.R.S.

The death, on 18th April, 1945, of Professor Sir Ambrose Fleming has removed an outstanding figure in the past history of the College. The Committee recall with pride that he and his work can justly be claimed as products of University College, for it was there that he received his undergraduate training during the years 1866–69, and it was in the course of his researches as Pender Professor of Electrical Engineering that he made his greatest discoveries. Like those of some of his most famous colleagues, such as Sir William Ramsay, those discoveries were made in totally inadequate conditions of accommodation and equipment according to modern standards. They are briefly summarised in the following resolution which was passed by the Senate of the University, on the recommendation of the Professorial Board and College Committee, at the time of his resignation in 1926 :—

> That the Senate record their great regret at the resignation of Professor J. A. Fleming, F.R.S., of the Chair of Electrical Engineering held by him since its foundation in 1885 ; that they place on record their sense of the great importance of his achievements in this field of applied science, especially in connection with the development of transformers, the carbon filament lamp, the measurement of electro-magnetic waves, and later the invention of the thermionic valve. His eminent qualities as a teacher and as an organiser of laboratory work have endeared him to successive generations of Students.

There were two very pleasant later occasions at the College when his work was under review. The first was on 30th November, 1927, when his portrait painted by Sir William Orpen was presented by a special committee. The second was on 17th January, 1939, in the Botanical Theatre, when a collection of historic thermionic valves in a cabinet was presented to the Department of Electrical Engineering by Mr. R. McV. Weston, and Fleming himself gave an address on "The History of the Thermionic Valve at University College." This may have been his last visit to the College, but that it still had a great hold on his affections was shown when, no longer able to make the journey from his home in Devon, he sent a family representative to get first-hand information as to the exact extent of the damage received from enemy action, particularly in his own department, so that he might have an eye-witness's account of it.

Born in November 1849, and appointed Professor before the

present University regulations were in force, he had already reached the age of seventy-six when he resigned his Chair ; but his ardour was undimmed and his mind, from its long training in experimental work, ever looked forward. He took the keenest interest in the development of television, in which his own discoveries had played such a prominent part.

This is not the place to attempt a complete survey of his scientific career, which stretched beyond his College laboratory in London. He had his full share of the honours and awards that fall to the lot of the successful experimentalist, but probably there was none that he held more dearly than the Fellowship of his own College, to which he was elected in 1882. That he was as proud of his long connection with University College as it was of him is evidenced in his bequests, as recorded on p. 33.

The acute deafness from which he had long suffered cut him off from much intercourse with colleagues and students other than those of his own department, but he did not permit this to interfere with his punctilious observance of social obligations and he participated regularly in the major College occasions. He was held in the highest esteem by all sections of the community by reason of his own personal integrity and of the great contribution he had made to the fame of a College which will continue to cherish his memory.

Dr. Robin E. W. Flower, C.B.E., F.B.A.

Dr. Robin Flower, whose death occurred on 16th January, 1946, was attached to the academic staff of the College as Honorary Lecturer in Celtic until ill-health obliged him to resign at the end of the Session 1944–45. His connection with the work went back to 1913. Prior to that year, occasional lectures in Celtic had been delivered at the College by Professor Kuno Meyer, then of the University of Liverpool, but Dr. Flower was the first to put the subject into the College curriculum on a regular basis by offering courses in Old Irish Grammar, Middle Irish Poetry and the reading of Middle Irish Texts from the facsimile of *The Book of Leinster*. It was fitting that University College should be the home of such a department, having in its possession the large collection of books from the library of the late Dr. Whitley Stokes which dealt chiefly with Celtic subjects. The two World Wars caused an interruption of the work, but in the interim courses were offered either in the form of classes or public lectures. His highly specialised subject did not bring Dr. Flower into the general life of the College, but his fine scholarship was valued by the colleagues who knew him, and, on receiving the news of his resignation, the Professorial Board placed on record their appreciation of all that he had done for Celtic Studies. He, on his side, had several comrades in letters at the College : the late Professor R. W. Chambers was one of

his collaborators in the publication in 1933 of *The Exeter Book of Old English Poetry.* In the more intimate surroundings at Aberystwyth, where his work for the British Museum took him during the last War, he enlarged his circle of University College friends ; and it will be recalled with gratitude how, having accepted the invitation to deliver the Foundation Address in 1943, he kept faith with the students, although seriously indisposed and unable to complete the delivery of it.

Professor Emeritus Henry Richard Kenwood, C.M.G., F.R.S.E.

News of the death of Professor H. R. Kenwood, on 7th June, 1945, was received with great regret by those of his former colleagues and friends who remain at the College. He first joined the staff in 1892 as Demonstrator in the post-graduate Department of Hygiene and Public Health under Professor Corfield. In 1897 he became Assistant Professor, and in 1904 succeeded his former chief as head of the department with the title of Edwin Chadwick Professor. On his retirement in 1925, he was created Professor Emeritus. Four years later, the College department was merged in the new London School of Hygiene, and in that connection the following extract may be quoted from the Report which the late Sir Gregory Foster presented to the Assembly of Faculties, 1929 :—

> " Like so many of our departments, it was a pioneer at the time of its foundation in 1869. We look back with pride at the great work it achieved under its two former heads, the late Professor Corfield and Professor H. R. Kenwood, remembering that many other departments, not only in this country but throughout the world, have been modelled on it."

Ever kindly and courteous, Professor Kenwood won the affectionate esteem of all who were associated with him.

Sir Thomas Lewis, C.B.E., M.D., D.Sc., F.R.C.P., F.R.S.

News of the death, on 17th March, 1945, of Sir Thomas Lewis, Physician-in-Charge of the Department of Clinical Research at University College Hospital, brought to the members of the College Committee a sense of personal loss, for he had been one of their number since June 1943, and they had found in him a worthy successor to the great physicians and surgeons who have strengthened the tie between the Hospital and College by serving on the governing body of the parent institution. He himself would have been the first to admit how much he owed to his early training as a medical

student of the College during the years 1902 to 1905. His course was a brilliant one and led to his election to the Fellowship, in 1906, at the early age of twenty-five. The College took a vicarious pride in the great achievements of his later career. His outstanding contributions to medical knowledge of the working of the heart and the circulation of the blood and his application of scientific methods to clinical problems brought him many high awards, the complete catalogue of which cannot be given in this Report. Mention should, however, be made of the Copley and Royal Medals of the Royal Society and of the Conway Evans Prize jointly awarded by the Royal Society and the Royal College of Physicians, of which he was only the fourth recipient.

The following are extracts from a resolution adopted by the College Committee at their first meeting after his death :—

> " Owing to the evacuation of the College not many meetings have been held since Sir Thomas joined the Committee, but whenever he attended his individual outlook and wise counsel have made themselves felt. In early days at the Hospital he resolved to devote himself to the increase of medical knowledge by direct experimental research upon the conditions created in the human patient by disease. At the age of thirty-five he was appointed as research physician by the Medical Research Council and the fame of his work soon attracted a succession of research workers from this and other countries, especially from the U.S.A. . . . As time went on, Lewis became ever more convinced that, if the full benefit of medical knowledge was to be brought to the service of mankind, the direct investigation of disease by clinical research was essential and that it must be carried out by men who could devote their whole time to it, undisturbed by the demands of a consulting practice. He lived long enough to see that young men of ability were following his lead and that opportunities were opening for those men to adopt the advancement of medical knowledge by research in a clinic as a life's career."

Major A. T. Miller, B.Sc., A.M.Inst.C.E., A.M.Inst.M. & Cy.E.

The death of Major A. T. Miller has taken from the College staff one who would, it had been confidently hoped, have been a valuable teacher in the Faculty of Engineering. He had been appointed Lecturer in 1939, but was unable, owing to the outbreak of War, to take up the appointment until some five-and-a-half years later, in February 1945. His health had been impaired by his War service, and, after a very brief period at the College, his death came suddenly on 27th June, 1945.

Professor Emeritus Charles E. Spearman, LL.D., Ph.D., F.R.S.

The death, on 17th September, 1945, of Professor C. E. Spearman removed one who had built up a strong department in the College by his pioneer work, and had, at his retirement, bequeathed to his successors a laboratory of international fame. After training in Experimental Psychology in three German Universities, he came to the College as Reader in 1907. In 1911 he was appointed Grote Professor of the Philosophy of Mind and Logic, an appointment which he held until 1928. Up to that year, Psychology was only recognized as the co-partner of Philosophy, but on the separation of the work into two distinct departments Spearman became Professor of Psychology. His retirement came three years later, in 1931.

When Spearman first came to the College, the scientific treatment of Psychology was in its very early stages. His methods of research were revolutionary and attracted great interest, not only in this country and the United States but also in other parts of the world, and he speedily built up a following of research workers eager to explore the new method of approach to the subject. He had a genius for combining theory and experiment, and his application of statistical methods to psychological problems placed the study on a sound scientific basis. Those who remain of the band of workers which he gathered around him hold his memory in veneration as an inspiring influence in the development of Mental Science. As instances of the various practical applications of his methods to the human problem may be mentioned their adoption in the British Forces during the War of 1914–18, and in the College for those students who have voluntarily undergone General Intelligence and other vocational tests. His literary output was considerable and of major importance, his last book, for example, *Psychology Down the Ages*, being a monumental study of the doctrines of psychology from the earliest thinkers to those of modern times.

The College is deeply indebted to one who created such a great tradition for one of its newer departments.

The College Committee also record with great regret the death of the following persons who were connected with the College :—

Alexander, Mr. Herbert R.W.S. ; Student of the Slade School under Herkomer, 1898–9. [7th January, 1946.]

Allen, Mr. W. ; Science Beadle, formerly Lodge-keeper, appointed 1927. [27th April, 1945.]

Armstrong, Dr. E. F. ; a representative of the Association of British Chemical Manufacturers on the Ramsay Memorial Advisory Committee. [14th December, 1945.]

Cockerell, Mr. Douglas B., M.B.E., R.D.I.; formerly Demonstrator in Bookbinding in the School of Librarianship. [25th November, 1945.]

Dawson of Penn, The Rt. Hon. The Viscount, P.C., G.C.V.O., K.C.B., K.C.M.G., M.D., F.R.C.P., Physician-in-Ordinary to His Majesty the King, Past-President of the Royal College of Physicians, a member of the University Senate; Student of the Faculty of Science, 1879–86. [7th March, 1945.]

Dixon, Professor W. Macneile, Litt.D., LL.D., sometime Regius Professor of English Language and Literature, University of Glasgow; Lord Northcliffe Lecturer, 1928–29. [31st January, 1946.]

Drummond, The Rev. William Hamilton, M.A., LL.D., D.D., Secretary of the Hibbert Trust 1919–38, sometime Honorary President of Manchester College, Oxford; Student of the Faculty of Arts, 1880–83. [17th March, 1945.]

Engelbach, Mr. Reginald, Technical Adviser, formerly Keeper, of the Cairo Museum; Research Student 1910–12, Assistant to Professor Sir Flinders Petrie in the British School of Archæology in Egypt; recommended for the Fellowship of the College shortly before his death. [26th February, 1946.]

Goodrich, Mr. Edwin Stephen, M.A., D.Sc., LL.D., F.R.S., Linacre Professor of Zoology and Comparative Anatomy, University of Oxford; worked at the College under Professor Ray Lankester, also a student of the Slade School, 1888–91. [6th January, 1946.]

Graham, The Hon. Mr. Justice John Fuller, late Puisne Judge of the High Court of Calcutta; Student of the Faculty of Arts, 1895–96. [24th January, 1946.]

Gribbon, Brigadier Walter Harold, C.M.G., C.B.E.; Student of the Department of Engineering, 1898–99. [18th December, 1944.]

Langley, Mr. J. H.; Laboratory Attendant in Engineering, appointed May 1920. [28th January, 1946.]

Lessing, Dr. Florence M.; Student of the Faculty of Medical Sciences, 1920–25. [28th January, 1946.]

Little, Mr. A. G., M.A., D.Litt.; Member of the Seton Memorial Lectureship Committee. [22nd October, 1945.]

Makower, Mr. Walter, O.B.E., M.A., D.Sc., formerly (i.) Lecturer in Physics at the Victoria University of Manchester and (ii.) Professor of Science at the Royal Military Academy, Woolwich; Student of the Faculty of Science, 1897–1902; elected Fellow of the College in 1914. [7th July, 1945.]

Meares, Mr. John Willoughby, C.I.E., formerly Electrical Adviser to the Government of India; Student of the Department of Engineering, 1891–92. [11th January, 1946.]

Milne-Watson, Sir David, Bt., M.A., LL.D.; Member of the Ramsay Memorial Laboratory Advisory Committee. [3rd October, 1945.]

Mottram, Mr. James Cecil, M.B., M.R.C.S., L.R.C.P., Director of the Research Laboratory, Mount Vernon Hospital, Northwood; Student of the Faculty of Medicine, 1898–1903. [4th October, 1945.]

Newman, Mr. L. P.; Medical Sciences Beadle, 1923–45. [1st November, 1945.]

Nicholson, Professor Reynold Alleyne, M.A., Litt.D., F.B.A., Emeritus Professor of Arabic and Fellow of Trinity College, Cambridge; Professor of Persian at the College, 1901–02. [27th August, 1945.]

Paues, Dr. Anna C.; a former member of the Scandinavian Studies Committee. [Stockholm, 2nd September, 1945.]

Payen-Payne, Mr. J. B. de V., former Principal of the Kensington Coaching College; Student of the Faculty of Arts, 1886–88, member of the Old Students' Association. [6th August, 1945.]

Phillips, Major C. E. S.; Honorary Lecturer in Radiology, 1923–36. [17th June, 1945.]

Porter-Phillips, Mr. John George, M.D., F.R.C.P., late Physician-Superintendent of Bethlem Royal Hospital; Student of the Faculty of Medicine, 1902–03 and 1907–08. [24th February, 1946.]

Raisin, Miss Catherine A., D.Sc., formerly Head of the Department of Geology at Bedford College; entered the College as a pioneer woman student in 1873, elected a Fellow in 1902. [12th July, 1945.] *See also* p. **33**.

Robins, Mrs. S. A. L.; Cleaner at the College from 1917 to 1943. [17th January, 1946.]

Rothenstein, Sir William, M.A., Hon.D.Litt., Hon.A.R.C.A., sometime Principal of the Royal College of Art; Student of the Slade School under Professor Alphonse Legros, 1887–89. [14th February, 1945.]

Smith, Mr. Guy Bellingham, M.B., B.S., F.R.C.S., Consulting Obstetric Surgeon, Guy's Hospital; Student of the Faculty of Medicine, 1881–82. [19th April, 1945.]

Sprague, Mr. Ernest; Lecturer in Engineering until 1929; a member of the Engineering Staff for nearly thirty years. [20th August, 1945.]

Stephen, Sir Harry, Bt., LL.M.; one of the representatives of the London County Council on the College Committee from 1922 to 1928. [1st November, 1945.]

Taylor, Mr. G. L., M.D., Ph.D., Honorary Research Associate in Eugenics, 1935–44. [9th March, 1945.]

Thornbery, Mr. H. Todd, B.Sc. ; Student of the College, 1904–05 and 1907–15, sometime Private Secretary to the Provost, later Publications Secretary. [3rd December, 1945.]

Tocher, Mr. James Fowler, D.Sc., LL.D., F.R.I.C., Lecturer in Statistics, University of Aberdeen, 1911–41 ; Student of the Faculty of Science 1903–4 and 1911–12. [8th November, 1945.]

Warren, Mr. Ernest, D.Sc., formerly Director of the Natal Museum, South Africa ; sometime Assistant Professor of Zoology at the College, elected Fellow in 1900. [29th January, 1946.]

Webb, Colonel Sir (Arthur) Lisle (Ambrose), K.B.E., C.B., C.M.G., formerly Director-General of Medical Services, Ministry of Pensions ; elected Fellow of the College in 1922. [7th October, 1945.]

Wilkinson, Mr. William Camac, M.D., F.R.C.P., Physician ; Student of the Faculty of Medicine, 1877–82. [7th February, 1946.]

Williams, Mr. Charles Walter Stansby, Hon.M.A. (Oxon.), Poet, Critic and Novelist ; Student of the Faculty of Arts, 1901–04. [15th May, 1945.]

SANKEY,
Chairman.

APPENDIX I.

UNIVERSITY OF LONDON, UNIVERSITY COLLEGE.

ACCOUNTS

For the Year ended 31st July, 1945.

College Establishment—Income and Expenditure.

General Balance Sheet.

UNIVERSITY OF LONDON

Dr. COLLEGE INCOME AND EXPENDITURE

EXPENDITURE.	1944–45. £ s. d.	1944–45. £ s. d	1943–44. £
1. Ordinary Expenditure :—			
To Administration :—			
Salaries of Administrative Officers and Clerical Staff (including Insurance)	13,799 1 8		9,857
Payments for Superannuation and Pension on behalf of Administrative Staff	1,375 7 3		1,140
Advertising	106 6 11		77
Printing, Stationery, Postages and Telephone	2,727 19 4		1,960
Audit and Legal Fees	262 14 7		218
Other Expenses	210 8 10		85
		18,481 18 7	13,337
To Departmental Maintenance :—			
Salaries of Teaching Staff :—			
Professorial £36,215 18 5			
Non-Professorial (including Insurance) 64,798 0 1			
	101,013 18 6		71,394
Payments for Superannuation and Pension on behalf of Teaching Staff	12,149 4 4		9,430
Public Lectures	88 0 5		140
Departmental Wages (including Insurance)	11,214 11 10		6,452
Departmental and Laboratory Maintenance met from General Income	6,207 10 0		2,453
Departmental and Laboratory Maintenance met out of Apparatus Reserve Fund	1,344 14 3		870
Departmental and Laboratory Maintenance met out of Trust and Special Funds and Donations	1,829 11 11		1,496
Salaries of Librarian and Library Staff	3,860 2 5		2,983
Payments for Superannuation and Pension on behalf of Library Staff	405 18 9		314
Libraries	2,903 16 0		2,123
		141,017 8 5	97,655
To Maintenance of Premises :—			
Rates and Insurance	8,076 1 6		8,150
Heat, Light and Water (including Wages of Stokers)	8,378 18 0		2,339
Ordinary Repairs and General Maintenance of Buildings	7,184 18 11		3,597
Wages of Porters and Attendants (including Insurance)	8,390 12 8		4,760
Grounds	9 14 11		18
Household Stores	287 2 1		6
Crabb Robinson Fund (for Athletic Grounds, Halls, etc.) (*per contra*)	21 10 0		31
		32,348 18 1	18,901
To Pensions :—			
Pensions to Retired Members of Staff, met out of :—			
Trust Funds (*per contra*)	400 0 0		379
General Income	936 0 0		902
Provision for Servants' Pensions met out of General Income	1,350 0 0		1,350
		2,686 0 0	2,631
To Other Educational Expenses :—			
Examiners' Fees		61 16 11	24
To Rents and Other Payments for Use of Buildings		3,799 3 9	2,806
To Fellowships, Scholarships, and Prizes :—			
From Endowments	1,596 9 1		1,381
,, General Income	605 10 3		452
,, General Income (Exhibition Bursaries and Special Fee Remissions) (*per contra*)	306 18 0		114
From Special Donations	61 11 3		54
		2,570 8 7	2,001
Carried forward		£200,965 14 4	£136,855

UNIVERSITY COLLEGE.

Account for Year ended 31st July, 1945. *Cr.*

INCOME.	1944–45. £ s. d.	£ s. d.	1943–44. £
I. Ordinary Income :			
By Endowments (Trust Funds) :—			
Appropriated for Salaries and Superannuation of Teaching Staff	10,932 6 5		7,252
Appropriated for Scholarships and Prizes	1,596 9 1		1,381
Appropriated for Faculty of Medical Sciences (Holme and Rockefeller Sustentation Funds)	14,079 19 0		13,804
Appropriated for Chemical Engineering and Galton and Biometric Laboratories	2,145 8 11		2,321
Appropriated for Athletic Grounds, Halls, etc. (Crabb-Robinson Fund) (*per contra*)	21 10 0		31
Appropriated for Retired Professors' Pensions (*per contra*)	400 0 0		379
Appropriated for purposes other than above	4,161 1 2		2,255
		33,336 14 7	27,423
By Donations and Subscriptions :—			
Appropriated for General Purposes	2 2 0		—
Appropriated from Donations for Special Purposes...	1,772 15 7		1,400
Appropriated to meet Scholarships and Bursaries (*per contra*)	73 12 9		54
Appropriated to meet Apparatus charges	224 17 9		216
		2,073 8 1	1,670
By Special Funds (appropriated to meet expenditure):—			
Salaries	7,675 0 0		7,675
Eugenics and Statistics Publications	64 17 10		210
Special Apparatus Reserve	1,344 14 3		871
Students' Purposes	395 18 1		74
War Memorial Scholarships	104 16 8		105
Library Deposits	14 10 9		15
		9,599 17 7	8,950
By Grants allocated by the Court of the University :—			
Block Grant	101,500 0 0		101,500
Less Transferred to Special Funds :—			
Salaries £7,675 0 0			
German Library 105 0 0			
	7,780 0 0		7,780
	93,720 0 0		93,720
Home Counties Grant	2,639 10 0		2,639
		96,359 10 0	96,359
Carried forward..		£141,369 10 3	£134,402

UNIVERSITY OF LONDON,

Dr. COLLEGE INCOME AND EXPENDITURE

EXPENDITURE (*cont.*).	1944–45. £ s. d.	£ s. d.	1943–44. £
Brought forward		200,965 14 4	136,855
I. Ordinary Expenditure (*cont.*) :—			
To Students' Societies :—			
Payments to Union Societies :—			
University College, London	1,802 10 0		456
Other Payments from Students' Purposes Fund	161 11 6		23
		1,964 1 6	
To Interest on mortgage on Gordon St. Frontage ...		1,000 0 0	479
„ Other Expenses :—			...
Institute of Historical Research—Grant to Library (American History Fund)	106 1 2		34
Working Men's Societies (Peel Fund)	10 0 0		10
Miscellaneous Expenditure	933 5 10		883
		1,049 7 0	
			927
To *Excess of Ordinary Income over Ordinary Expenditure carried forward*.....		—	23,399
		£204,979 2 10	£161,660

UNIVERSITY COLLEGE.

ACCOUNT FOR YEAR ENDED 31ST JULY, 1945 (*cont.*). *Cr.*

INCOME (*cont.*).	£ s. d.	1944–45. £ s. d.	1943–44. £
Brought forward		141,369 10 3	134,402
I. Ordinary Income (*cont.*) :—			
By Fees :—			
General (Including £131 5*s.* 3*d.* for Intercollegiate Teaching)	42,900 17 5		25,327
Examination and Registration Fees	523 0 9		213
Fees in consideration of Exhibition Bursaries and Special Fee Remissions (*per contra*)	306 18 0		114
	43,730 16 2		25,654
Less Intercollegiate Fees paid	95 11 4		9
		43,635 4 10	25,645
By Other Income :—			
Interest and Dividends :—			
Bank and other Interest	81 0 9		108
Maintenance Fund (including Bawden)	640 0 0		765
Houses and Land	592 5 1		590
Societies (for service, etc.)	4 6		—
Lockers	63 3 6		6
Sale of Calendars, etc.	4 2 0		2
Administration Charges	60 0 0		10
Keys	202 15 4		—
Miscellaneous	204 6 3		132
		1,847 17 5	1,613
By Excess of Ordinary Expenditure over Ordinary Income, carried forward		18,126 10 4	—
		£204,979 2 10	£161,660

UNIVERSITY OF LONDON,

Dr. COLLEGE INCOME AND EXPENDITURE

EXPENDITURE (*cont.*).		1944–45. £ s. d.	1943–44. £
II. Extraordinary Expenditure :—			
To Excess of Ordinary Expenditure over Ordinary Income, brought forward		18,126 10 4	—
,, **Pension Reserve Fund**		130 0 0	165
,, **Air Raid Precautions**		209 16 6	189
,, **Evacuation** Expenses		5,712 11 3	8,986
,, **Accommodation in other Colleges**		2,084 8 6	3,367
,, **Insurance under War Damage Act :—**			
Buildings	£483 12 2		
Contents	10 0		
		484 2 2	1,828
,, Repairs and alterations to buildings (War damage and re-occupation)		24,967 2 11	6,500
,, **Deficit on Catering at Leatherhead and Stanstead Bury.**		1,395 8 9	723
,, Children's Bursaries Scheme		983 5 5	1,937
,, **Preparation of plans for reconstruction of the College**		950 4 3	798
,, Servant's Pensions—quinquennial premium		2,550 0 0	—
,, Deficit on College rooms		704 0 6	513
,, Surveyors' Fees for War Damage Claims		823 0 0	—
,, **Allocation to Reserve Fund :—**			
General		—	23,400
Library	137 4 1	137 4 1	366
,, Allocation to Rebuilding Fund		8,050 0 0	—
,, **Balance being Excess of Income over Expenditure carried to Balance Sheet**		4 6 10	40
		£67,312 1 6	£48,812

UNIVERSITY COLLEGE.

Account for Year ended 31st July, 1945 (*cont.*). *Cr.*

INCOME (*cont.*).	1944–45. £ s. d.	1943–44. £
By *Excess of Ordinary Income over Ordinary Expenditure brought forward*	—	23,399
II. Extraordinary Income :—		
By Trust Funds—Appropriated under Emergency Statute	10,226 3 7	14,695
,, Rent and compensation for temporary occupation of Buildings	5,569 19 3	4,103
,, War Damage Commission—Received on account for repairs	24,000 0 0	6,615
,, Ditto—Amount received for Surveyor's fees	823 0 0	—
,, Pension Reserve Fund—Appropriated towards Servants Pensions quinquennial premium	2,550 0 0	—
,, University of London—Special grant towards increased salaries	17,619 14 0	—
,, Salaries Fund—Appropriation towar4s increased salaries of Academic Staff, not met from University grant	5,000 0 0	—
,, General Reserve Fund—Appropriated for increased salaries of Academic, Administrative and Library Staffs, not met from University Grant or Salaries Fund	873 4 8	—
, Ditto ditto—Appropriated for purchase of Smith-Woodward Library	650 0 0	—
	£67,312 6	£48,812

UNIVERSITY OF LONDON,

GENERAL BALANCE SHEET OF THE

LIABILITIES AND CAPITAL.

	£ s. d.	£ s. d.
COLLEGE GENERAL CAPITAL ACCOUNT:—		
Balance, 31*st July*, 1944	735,149 12 0	
Add: Sundry Redemption Funds used towards Gordon Street Frontage purchase	8,472 11 2	
University Court Capital Grant in aid of Gordon Street purchase	15,000 0 0	
		758,622 3 2
TRUST FUNDS (*see separate Balance Sheet*)	1,052,346 14 4	
Less University College General Account	21,477 15 3	
		1,030,868 19 1
GENERAL AND LIBRARY RESERVE FUND:—		
General	60,000 0 0	
Library	2,363 8 3	
		62,363 8 3
REDEMPTION FUND ACCOUNTS		34,365 4 8
MISCELLANEOUS CAPITAL FUNDS:—		
Completion of Engineering Laboratories Account	205 1 2	
Gower Street Front Fund	255 6 2	
H. L. Jackson Gift Fund	2,739 1 7	
Rockefeller Site, Building and Equipment Account.	11,473 16 7	
Endowment of Teaching Fund	255 0 11	
Rebuilding Fund	25,418 17 6	
		40,347 3 11
SUPERANNUATION FUNDS HELD ON BEHALF OF BENEFICIARIES		1,578 19 7
LOAN FUND ACCOUNTS:—		
College	789 3 3	
W. W. Rouse Ball	497 7 9	
Madeleine Cole	122 7 3	
M. J. M. Hill	218 0 4	
		1,626 18 7
PENSION RESERVE FUND		4,594 2 7
SPECIAL FUND ACCOUNTS:—		
Salaries Fund	6,118 10 8	
Eugenics and Statistics Publications Funds	4,753 2 0	
School of Librarianship	2,771 11 11	
German Library	836 8 0	
Special Apparatus and Equipment Reserve Fund	16,137 9 1	
Other Apparatus and Equipment Reserve Funds	343 3 4	
Students' Purposes Fund	2,625 6 10	
Egyptology Fund	131 6 10	
War Memorial Scholarships Fund	2,873 3 3	
Library Deposits	178 12 5	
Larmor Bequest	8 6 3	
		36,777 0 7
UNEXPENDED BALANCES OF GRANTS AND DONATIONS	.....	3,142 10 9
FEES IN SUSPENSE		1,010 6 3
MORTGAGE LOAN on Gordon Street frontage—Prudential Assurance Co., Ltd.	.....	49,172 4 3
SUNDRY CREDITORS	.....	18,576 4 9
INCOME AND EXPENDITURE ACCOUNT:—		
As per Balance Sheet, 31st July, 1944	6,618 14 5	
Add Excess of Income over Expenditure for the year ended 31st July, 1945	4 6 10	
		6,623 1 3
		£2,049,668 7 8

We have examined the above Balance Sheet as at 31st July, 1945, and vouchers relating thereto, and certify them as being properly drawn

3, Fredrick's Place, Old Jewry, London, E.C. 2.
14th January, 1946.

UNIVERSITY COLLEGE.

College at 31st July, 1945.

ASSETS.

	£	s.	d.	£	s.	d.
College Freehold Lands, Buildings, Furniture, Library, etc., being the Land with the Buildings of the College and the Buildings Extensions	699,111	18	4			
Great Hall—Cost of All Saints' Church £6,462 8 10						
Cost of Reconstruction, Alterations, and Furnishing to 31st July, 1932. 23,716 8 9						
	30,178	17	7			
				729,290	15	11
Freehold and Leasehold Property :—						
1 Gordon Street—House Account	3,401	1	0			
114 & 116 Gower Street Houses Account	7,019	17	3			
Foster Court—Cost to 31st July, 1932	30,267	3	1			
"Hawarden Castle" Account	2,365	6	2			
21 Gordon Square—Cost of Lease	2,633	14	6			
24 ditto ditto and Equipment.	1,333	1	11			
Gordon Street Frontage	82,041	5	3			
				129,061	9	2
College Rooms (Gower Street)—Cost of Equipment and Alterations	3,418	8	8			
Less amount written off	244	4	3			
				3,174	4	5
Investments at book value	.....					
Held on Capital Account	4,023	15	1			
,, Reserve Funds	54,250	0	0			
,, Redemption Funds	1,941	3	1			
,, Miscellaneous Capital Funds	13,643	14	0			
,, Superannuation Funds	1,463	9	1			
,, Pension Fund	6,091	0	1			
,, Special Funds	24,058	16	0			
				105,471	17	4
Trust Funds (*see* separate Balance Sheet)	.....			1,052,346	14	4
Stocks at Leatherhead and Stanstead Bury	.....			697	7	1
Loan to University College Hall, Ealing, secured by the Investments of the War Memorial Scholarships Fund				2,000	0	0
Refectory :—						
Working loss in Session 1944–45	2,717	7	0			
Further amount due to College	1,113	3	1			
				3,830	10	1
Sundry Debtors, Outstanding Accounts and Payments in Advance	.....			5,252	4	7
National Insurance Stamp Account :—						
In hand and on deposit with Insurance Commissioners	.....			1,088	8	2
Cash at Bank and in Hand—On Deposit	1,604	2	0			
On Current Account	15,847	19	6			
In hand	2	15	1			
				17,454	16	7

No adjustment has been made to the book value of those College properties which were extensively damaged by enemy action.

£2,049,668 7 8

and relative Income and Expenditure Account with the books, accounts, up and in accordance therewith.

(Signed) **PRICE, WATERHOUSE & CO.,**
Chartered Accountants.

APPENDIX II.

GRANTS (1944–45).

Grants allocated by the Court of the University :—

	£	s.	d.	£	s.	d.
Block Grant				101,500	0	0
Home Counties Grant :—						
Buckingham County Council	52	0	0			
Essex County Council	222	5	0			
Hertford ,,	150	15	0			
Kent ,,	358	15	0			
Middlesex ,,	1,314	15	0			
Surrey ,,	451	15	0			
Croydon Borough Council	46	10	0			
Southend ,,	26	0	0			
East Ham ,,	6	15	0			
West Ham ,,	10	0	0			
				2,639	10	0
				£104,139	10	0

SUBSCRIPTIONS AND DONATIONS (1944–45).

(For Special Purposes.)

	£	s.	d.
Batsford, Messrs. B. T., Ltd.	5	5	0
Curtis, Mr. S. R.	20	0	0
Danish Bacon Co.	150	0	0
Evans, Dr. Joan	15	0	0
Eggleton, Dr. P.	2	2	0
Lewis, Messrs. H. K., & Co., Ltd.	1,000	0	0
Massey, Prof. H. S. W.	7	10	0
Joseph Rowntree Village Trust	100	0	0
Rockefeller Foundation	1,650	0	0
Roche Products, Ltd.	426	0	0
Stopes, Dr. Marie	150	0	0
	£3,525	17	0

Donations towards Students' Loan and Bursary Fund :—

Anonymous Donations	305	0	0
	£3,830	17	0

SUBSCRIPTIONS AND DONATIONS (1945–46)

(already received for special purposes).

	£	s.	d.
Batsford, Messrs. B. T., Ltd.	5	5	0
Evans, Dr. Joan	15	0	0
Eyre, Miss Margaret	3	3	0
Leverhulme Trustees	250	0	0
Rockefeller Foundation	1,250	0	0
Roche Products, Ltd.	273	10	0
Anonymous Benefaction (for salary of research assistant),	2,500	0	0
	£4,296	18	0

Donations towards Students' Loan and Bursary Fund :—

Anonymous Donations	40	0	0
	£4,336	18	0

Donations to the Scandinavian Studies Fund :—

Mr. Ivor Throndsen	25	0	0			
Mr. C. Lunoe	50	0	0			
British Oxygen Co., Ltd.	50	0	0			
Mr. R. Percy Hodder Williams	5	5	0			
Great Northern Telegraph Co.	50	0	0			
Mr. R. J. B. Anderson	12	12	0			
				192	17	0
				£4,529	15	0

FORM OF LEGACY.

I GIVE to the UNIVERSITY OF LONDON for the benefit of UNIVERSITY COLLEGE the sum of £ duty free.

(*a*) for the general purposes of the College.

or (*b*) the capital to be invested and the income to be applied for the general purposes of the College.

or (*c*) for the following purpose, namely:

N.B. Strike out the lettering and three of these four alternatives. If (*c*) or (*d*) is left, state the purpose desired.

or (*d*) the capital to be invested and the income to be applied for the following purpose, namely:

I declare that the receipt of the Treasurer or other proper officer for the time being of the College shall effectually discharge my executors.